2611-PROD-2008 Perform target development based on CNE intelligence

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 4

DESCRIPTION: The SIGINT Marine, conducting Computer Network Operations in support of MAGTF operations, must be able to perform development of target templates using raw collected intelligence, DNITR's and other intelligence as may be available.

BILLET: Digital Network Analyst

GRADE: CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of references and directed or tasked by competent authority, in order to satisfy collection tasking or to fulfill intelligence requirements.

STANDARD: To develop target templates, within a time limit established by the commander.

PERFORMANCE STEPS:
1. Identify intelligence template resources.
2. Develop target templates.

REFERENCES:
1. USSID DA3655
2. USSID 300

2611-SYSA-2009 Manage sensitive systems in support of CNE operations

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 12

DESCRIPTION: A SIGINT Marine, performing the function of a Computer Network Operations Team Leader, in support of MAGTF operations, must be able to properly manage and protect sensitive systems and tools that are used in support of CNE operations.

BILLET: Digital Network Operations Team Leader

GRADE: SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of reference and directed or tasked by competent authority, in support of existing or future requirements and authorized access to sensitive systems or tools.

STANDARD: To ensure their security from potential compromise at all times, in performance step sequence.

PERFORMANCE STEPS:
1. Safeguard and maintain software and hardware components within approved security storage devices as appropriate for classification level when not in use.
2. Implement proper OPSEC measures based on classification levels during the operational use of software and hardware components.
3. Identify steps to destroy tools and/or data if necessary.
4. Identify applicable USSIDs and Directives.

REFERENCE:
1. USSID DA3655

2611-PLAN-2010 Perform function of mission manager for CNE operations

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 12

DESCRIPTION: A SIGINT Marine, performing the function of a Computer Network Operations Team Leader, in support of MAGTF operations, must be able to perform the function of a Mission Manager in accordance with the references in order to conduct certain CNE category operations.

BILLET: Digital Network Operations Team Leader

GRADE: SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of references and directed or tasked by competent authority, manage CNE operations in order to satisfy tactical or national tasking.

STANDARD: To perform certification by competent and designated authorities in certain categories of CNE operations in the time allotted by the commander.

PERFORMANCE STEPS:
1. Develop an operational/collection plan identifying rolls of other CNE organizations as applicable.
2. Submit operational/collection plan to competent/designated authority for approval.
3. Identify steps for certification as Mission Manager and be familiar with steps to coordinate external support for operations.
4. Once approved, conduct operations IAW unit or station concept of operations.
5. Develop and submit an after-action report to competent/designated authority.

REFERENCES:
1. USSID DA3655;
2. USSID 222 Implementation Plan
3. Station USSID
4. USSID 18

2611-COLL-2011 Coordinate with MAGTF Collection Manager for tactical CNE collection requirements

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 12

DESCRIPTION: A SIGINT Marine, performing the function of a Computer Network Operations Team Leader, in support of MAGTF operations, must be able to coordinate the tactical CNE collection effort with the larger MAGTF collection effort to ensure the CNE collection effort is conducted in accordance with overall MAGTF goals and objectives.

BILLET: Digital Network Operations Team Leader

GRADE: SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references and directed or tasked by competent authority, and in support of existing or future requirements.

STANDARD: To ensure Tactical CNE collection supports the overall MAGTF collection objectives, within a time limit established by the commander.

PERFORMANCE STEPS:
1. Identify the external units required to conduct CNE operations.
2. Identity the Supported Commander's Priority Intelligence Requirements (PIR's).
3. Identify CNE completion requirements.

REFERENCES:
1. USSID DA3655
2. USSID 222 Implementation Plan
3. MAGTF Collection Plan
4. MCWP 2-22
5. MCWP 2-1

2611-PLAN-2012 Conduct target selection for Computer Network Operations

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 12

DESCRIPTION: A SIGINT Marine, performing the function of a Computer Network Operations Team Leader, in support of MAGTF operations, must be able to select targets as candidates for CNO.

BILLET: Digital Network Operations Team Leader

GRADE: SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references, given a higher mission order or intelligence requirement, a target package and available intelligence concerning candidate targets.

STANDARD: To exploit target operations, within a time limit established by the commander.

PERFORMANCE STEPS:
1. Analyze multiple sources of intelligence to determine potential targets for CNE operations.
2. Determine suitable locations to conduct CNO operations.
3. Utilize logistics to conduct CNE operations and data inclusion into the national collection systems.

REFERENCES:
1. USSID DA3655
2. MCWP 2-1

2611-PLAN-2013 Generate an assessment of key nodes and vulnerabilities

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 12

DESCRIPTION: A SIGINT Marine, performing the function of a Computer Network Operations Team Leader, in support of MAGTF operations, must be able to create an assessment of key nodes and vulnerabilities that may be present in a target network.

BILLET: Digital Network Operations Team Leader

GRADE: SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references, given an intelligence requirement, target package and available intelligence concerning a target.

STANDARD: To prodouce a planning or operational assessment, within a time limit established by the commander.

PERFORMANCE STEPS:
1. Identify hardware network components and associated vulnerabilities using data from CNE operations.
2. Identify software present in the network and associated vulnerabilities using data from CNE operations.
3. Evaulate the intelligence value of information from CNE operations.

REFERENCES:
1. FM 34-130
2. MCWP 2-1

2611-COLL-2014 Supervise a CNE collection team

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 12

DESCRIPTION: A SIGINT Marine, performing the function of a Computer Network

Operations Team Leader, in support of MAGTF operations, must be able to supervise a CNE collection team.

BILLET: Digital Network Operations Team Leader

GRADE: SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references and given authority.

STANDARD: To ensure Marines perform their required functions, in performance step sequence.

PERFORMANCE STEPS:
1. Establish and communicate mission objectives to the team leader.
2. Establish the communication method during deployment and any reports required.
3. Ensure that all activities are conducted in accordance with all applicable USSIDs and Directives.
4. Evaluate collection team procedures to ensure that most efficient configuration is employed.
5. Incorporate tactical SOPs with collection operations.
6. Evaluate the proficiency of team members.

REFERENCES:
1. USSID DA3655
2. USSID 222 Implementation Plan
3. MCWP 2-22
4. MCWP 2-1
5. USSID 18

2611-PLAN-2015 Create a Computer Network Operations collection plan

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 12

DESCRIPTION: A SIGINT Marine, performing the function of a Computer Network Operations Team Leader, in support of MAGTF operations, must be able to create a collection plan for the conduct of computer network operations.

BILLET: Digital Network Operations Team Leader

GRADE: SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references, given the proper authority, tasking, supporting target intelligence and other documents as appropriate.

STANDARD: To support computer network operations, within a time limit established by the commander.

PERFORMANCE STEPS:
1. Review the supported Commander's PIRs.
2. Use multiple sources of information to determine potential targets in the AOR.
3. Establish a schedule for deployment and task appropriate collection team.

REFERENCES:
1. MCWP 2-22
2. MCWP 2-1
3. USSID 18
4. USSID DA3655
5. USSID 222 Implementation Plan

2611-PLAN-2016 Provide IO cell with adversary C2 information

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 12

DESCRIPTION: A SIGINT Marine, performing the function of a Computer Network Operations Team Leader, in support of MAGTF operations, must be able to provide a command IO Cell with adversary C2 information.

BILLET: Digital Network Operations Team Leader

GRADE: SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references and directed or tasked by competent authority.

STANDARD: To provide information and facilitate IO operations, within a time limit established by the commander.

PERFORMANCE STEPS:
1. Receive requirement or information need.
2. Collect and/or gather information necessary in order to satisfy requirement.
3. Sanitize information by competent authority if necessary.
4. Submit data.

REFERENCES:
1. MCWP 2-22
2. MCWP 2-1
3. JP 3-13
4. MCWP 3-40.4
5. Collection and Reporting USSIDs

2611-PLAN-2017 Coordinate with external entities

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 12

DESCRIPTION: A SIGINT Marine, performing the function of a Computer Network Operations Team Leader, in support of MAGTF operations, must be able to coordinate with adjacent and higher theater and national commands and organizations for access to pertinent C2C and related databases and reporting mechanisms.

BILLET: Digital Network Operations Team Leader

GRADE: SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references and directed or tasked by competent authority.

STANDARD: To satisfy unit tasking and requirements, within a time limit established by the commander.

PERFORMANCE STEPS:
1. Identify database resources.
2. Use HUMINT reporting databases.
3. Identify related National databases.
4. Utilize National databases.

REFERENCES:
1. MCWP 2-22
2. MCWP 2-1
3. USSID DA3655
4. Station USSID

SIGINT T&R MANUAL

CHAPTER 6

INDIVIDUAL EVENTS MOS 2621

SIGINT T&R MANUAL

CHAPTER 6

INDIVIDUAL EVENTS MOS 2621

6000. PURPOSE. This chapter details the individual training events that pertain to MOS 2621, Special Communications Signals Collection Operator/Analyst. An individual training standard is an event that a Special Communications Signals Collection Operator/Analyst would perform at a unit. These events are linked to a collective event. This linkage tailors individual training for the selected collective event. Each individual training standard provides an event title, along with the conditions events will be performed under, and the standard to which the event will be performed to be successful.

6001. ADMINISTRATIVE NOTES. T&R events are coded for ease of reference. Each event has a 4-4-4-digit identifier. The first four digits represent the occupational field or military occupational specialty (i.e., SIGT, 2602, 2651). This chapter contains 2621 events. The second four digits represent the functional or duty area. The last four digits represent the level, and identifier number of the event. Every individual event has an identifier number from 001 to 999.

6002. INDEX OF INDIVIDUAL EVENTS

1. **SIGINT 1000-LEVEL EVENTS.** Basic Special Communications Signals Collection Operators/Analysts individual events taught during initial MOS formal school training.

2. **SIGINT 2000-LEVEL EVENTS.** Additional Events for the Special Communications Signals Collection Operators/Analysts. Additional ITS events taught either at other SIGINT courses or learned through MOJT.

6003. SIGINT 1000-LEVEL EVENTS

2621-TRGT-1001 Operate ground-based EW systems against selected targets

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 6

DESCRIPTION: The individual will utilize current ground-based EW systems to exploit selected targets.

BILLET: Collection operator, Team leader

GRADES: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of references, given current ground-based EW system, and live targets, in a field or garrison environment.

STANDARD: To exploit required target(s), within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Review target list.
2. Target utilizing ground based EW system.

REFERENCES:
1. MCWP 2-22 Signals Intelligence
2. Applicable Equipment Manuals
3. Local SOP

2621-PROD-1002 Produce DF/Geolocational report

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 6

DESCRIPTION: The individual must produce a DF/Geolocational report to correctly notify higher HQ of the location of enemy or friendly forces.

BILLET: Collection operator, Team leader

GRADES: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of references, given DF operation results, in a field or garrison environment.

STANDARD: To identify and report the location of friendly or enemy forces to higher HQ, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Analyze data.

2. Create report.
3. Submit to HHQ.

REFERENCES:
1. Local SOP
2. MCWP 2-22 Signals Intelligence
3. USSID
4. FM 34-86 Direction Finding Operations

2621-COLL-1003 Apply rules of antenna theory

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 3

DESCRIPTION: The individual will identify and utilize the operational characteristics, capabilities, and frequency usage of various antennas in order to effectively communicate or intercept target communication emitters.

BILLET: Collection Operator, Team Leader

GRADES: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of references, given current radio and antenna equipment, in a field or garrison environment.

STANDARD: To establish a communication link, or intercept target emitter, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Identify frequency of communications emitters.
2. Identify location of communications emitters.
3. Determine appropriate antenna to utilize based upon characteristics and capabilities of antenna and communications emitters.
4. Employ appropriate antenna.

REFERENCES:
1. NAVEDTRA 10250 Principles of Radio Wave Transmission
2. Applicable Equipment Manuals
3. NAVEDTRA 172-10-00-83 Module 10, Introduction to Wave Propagation, Transmission Lines, and Antennas
4. ACP 125F Allied Communications Publication, Communication Instructions, R/T Procedures
5. ACP 121G Communication Instructions General

2621-COLL-1004 Recognize emitter modulation types

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 3

DESCRIPTION: The individual will identify and associate various signal modulation types to successfully target communication emitters.

BILLET: Collection Operator, Team Leader

GRADES: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of references, given current radio equipment and target emitter, in a field or garrison environment.

STANDARD: To identify modulation characteristics of assigned targets, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Ensure signal is displayed on Spectrum Analyzer.
2. Identify characteristics of signal.
3. Correlate the signal to known target communication emitters.

REFERENCES:
1. EA-100 Basic SIGINT Technology
2. EA-269 Signals Search and Analysis Training Course
3. NSGT Series Radio Wave Modulation and Signal Multiplexing

6004. SIGINT 2000-LEVEL EVENTS

2621-COLL-2001 Collect manual morse code

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 6

DESCRIPTION: The individual will identify and transcribe a target that is transmitting manual Morse code.

BILLET: Collection Operator, Team Leader

GRADES: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTINGS: MOJT

CONDITION: Without the aid of references, given fielded collection equipment, and target transmitting morse code, in a field environment.

STANDARD: To identify and transcribe to written language, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Identify transmitted signal as manual Morse code.
2. Transcribe Morse code to written language.

REFERENCES:
1. Local SOP
2. JP 2-01 Joint and National Intelligence Support to Military Operations

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2621-ANYS-2002 Conduct nodal analysis

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 6

DESCRIPTION: The individual must evaluate the communications network of a target to identify critical nodes.

BILLET: Collection operator, Team leader, Analyst

GRADES: CPL, SGT, SSGT

INITIAL TRAINING SETTINGS: MOJT

CONDITION: Without the aid of reference, given an OP order, a collection file and/or collection transcript, applicable intelligence software and/or databases, in a field environment.

STANDARD: To evaluate critical nodes for exploitability, continued collection, and/or targeting, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Determine the various nodes of the communications network.

2. Identify critical nodes of network.
3. Determine impact targeting would have on the critical nodes.

REFERENCES:
1. MCRP2-3A Intelligence Preparation of the Battlefield
2. MCWP 2-3 MAGTF Intelligence Production and Analysis
3. MCWP 2-22 Signals Intelligence

2621-ANYS-2003 Provide COMINT support to Battle Damage Assessment (BDA)

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 6

DESCRIPTION: The individual will provide the unit commander with timely battle damage assessments as required.

BILLET: Team leader, Analyst, Ops Chief

GRADES: CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: MOJT

CONDITION: With the aid of references, given enemy battle damage reports and characteristics of emitters, joint service tactical and/or theatre requirements, operating as a lower-echelon supporting element, in a field environment.

STANDARD: To identify, and report the BDA information obtained from COMINT, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Identify Commanders requirements.
2. Identify enemy battle damage reports.
3. Analyze enemy battle damage reports.
4. Provide report of battle damage.

REFERENCES:
1. USSID 4 Concept of SIGINT Support to Military Commanders
2. Local SOP

2621-PROD-2004 Produce EW reports

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 6

DESCRIPTION: Individual will utilize EW data provided to produce an EW report.

BILLET: Collection operator, Team leader

GRADES: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTINGS: MOJT

CONDITION: With the aid of references, given EW data and production equipment, in a field or garrison environment.

STANDARD: To identify EW activity based on EW data previously collected, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Identify the various Electronic Warfare activity.
2. Identify proper report for reporting Electronic Warfare activity.
3. Produce Electronic Warfare activity report.

REFERENCES:
1. MCWP 2-22 Signals Intelligence
2. Standard Electronic Intelligence Data Systems Codes and Formats (SEDSCAF) Manual
3. Local SOP

SIGINT T&R MANUAL

CHAPTER 7

INDIVIDUAL EVENTS MOS 2629

SIGINT T&R MANUAL

CHAPTER 7

INDIVIDUAL EVENTS MOS 2629

7000. PURPOSE. This chapter details the individual training events that pertain to MOS 2629, Signal Intelligence Analyst. An individual training standard is an event that a SIGINT Analyst would perform at a unit. These events are linked to a Collective event. This linkage tailors individual training for the selected Collective event. Each individual training standard provides an event title, along with the conditions events will be performed under, and the standard to which the event will be performed to be successful.

7001. ADMINISTRATIVE NOTES. T&R events are coded for ease of reference. Each event has a 4-4-4-digit identifier. The first four digits represent the occupational field or military occupational specialty (i.e., SIGT, 2602, 2651). This chapter contains 2651 events. The second four digits represent the functional or duty area. The last four digits represent the level, and identifier number of the event. Every individual event has an identifier number from 001 to 999.

7002. INDEX OF INDIVIDUAL EVENTS

1. **SIGINT 2000-LEVEL EVENTS.** SIGINT Analysts individual events.

7003. SIGINT 2000-LEVEL EVENTS

2629-ANYS-2001 Conduct line of sight/terrain analysis

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 12

DESCRIPTION: The individual will, through the use of terrain analysis mapping software, provide locations for optimal target exploitation to collection assets.

BILLET: Analyst, Senior Analyst, Team Leader

GRADES: CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of references, given currently fielded analysis and reporting system, terrain analysis mapping software, and in a field or garrison environment.

STANDARD: To discern optimal locations for collection teams, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Review mission tasking.
2. Launch mapping software.
3. Load appropriate map data.
4. Conduct line of sight analysis.

REFERENCES:
1. System mapping software user's guide
2. Marine Basic Skills Training Book
3. MCRP 2-12A Intelligence Preparation of the Battlefield
4. MCWP 2-26 Geographic Intelligence

2629-PROD-2002 Construct order of battle

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 6

DESCRIPTION: The individual will consolidate long-term analysis information to construct orders of battle.

BILLET: Analyst, Senior Analyst

GRADES: CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of references, given access to research materials, analysis tools, access to intelligence, open source networks, and in a field or garrison environment.

STANDARD: To depict enemy forces naval, electronic, ground, and air disposition, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Review intelligence data.
2. Organize and create order of battle.

REFERENCES:
1. MCRP 2-12A Intelligence Preparation of the Battlefield
2. JP 2-01.3 Joint Tactics, Techniques, and Procedures for Joint
3. Intelligence Preparation of the Battlespace

SUPPORT REQUIREMENTS:

OTHER: NSANET, JWICS, NIPRNET, and SIPRNET access will facilitate this event.

2629-ANYS-2003 Maintain organic intelligence databases

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 6

DESCRIPTION: The individual will create and update organic intelligence databases generated from multi-source, and organic collection assets.

BILLET: Analyst, Senior Analyst

GRADES: CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of references, given currently fielded analysis, reporting systems, and in a field or garrison environment.

STANDARD: To fuse multiple intelligence sources, as directed, in accordance with the references.

PERFORMANCE STEPS:
1. Gather data from collection assets.
2. Analyze data.
3. Create database.
4. Maintain database.

REFERENCES:
1. System User's guides
2. Database software user's guide

2629-ANYS-2004 Correlate organic COMINT with ELINT data

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 6

DESCRIPTION: The individual will correlate organically collected COMINT information with existing ELINT data to supplement the common operational picture (COP) and solidify intelligence gaps.

BILLET: Senior Analyst, Analyst

GRADES: CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of references, given fielded analysis systems, COMINT and ELINT data, and in a field or garrison environment.

STANDARD: To provide a detailed SIGINT picture that will supplement the common operational picture, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Review ELINT data.
2. Conduct analysis of COMINT data.
3. Correlate data to create a clearer COP.

REFERENCES:
1. Electronic Intelligence Parameters Listing (EPL)
2. TA-103
3. MCWP 2-22 Signals Intelligence
4. USSID 300

2629-ANYS-2005 Conduct SIGINT analysis of enemy target communication systems

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 3

DESCRIPTION: The individual must conduct SIGINT analysis of enemy target communications in order to satisfy CCIRs and PIRs.

BILLET: Analyst

GRADES: CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of references, given technical data, commander's guidance, currently fielded analysis, reporting systems, and in a field or garrison environment.

STANDARD: In order to satisfy CCIRs and PIRs, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Review CCIRs and PIRs.
2. Review intelligence data.
3. Conduct analysis of SIGINT data.

REFERENCES:
1. TA-103
2. MCRP 3-16A Tactics, Techniques, and Procedures for the Targeting Process
3. MCRP 3-16B The Joint Targeting Process and Procedures for Targeting Time-Critical Elements
4. JP 2-01.1 Joint Tactics, Techniques, and Procedures for Intelligence Support to Targeting
5. JP 3-60 Joint Doctrine for Targeting
6. MCWP 3-36.1 Electronic Warfare
7. FM 34-1 Intelligence and Electronic Warfare Operations

2629-ANYS-2006 Conduct nodal analysis

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 12

DESCRIPTION: The Marine must evaluate the communications network of a target to identify critical nodes.

BILLET: Analyst, Senior Analyst

GRADES: CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of references, given a network diagram, a potential target list, access to current databases, current analysis systems, and in a field or garrison environment.

STANDARD: To determine critical nodes for targeting missions, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Review communications network data.
2. Identify critical nodes.

REFERENCES:
1. TA-103
2. Adversary Users Guide
3. Nodal Analysis software guide
4. MCWP 2-3 MAGTF Intelligence Production and Analysis
5. MCWP 2-22 Signals Intelligence

2629-ANYS-2007 Conduct cryptanalysis

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 12

DESCRIPTION: Individual will perform basic cryptanalysis (C/A) as it applies to traffic analysis.

BILLET: Analyst, Senior Analyst

GRADES: CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of references, given analysis systems and cipher, and in a field or garrison environment,

STANDARD: In order to predict future enemy activity, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Review communications data.
2. Conduct cryptanalysis
3. Identify anticipated activity.

REFERENCES:
1. TA-103
2. CA-104
3. FM 34-40-2 Basic Cryptanalysis

2629-PROD-2008 Produce time sensitive reports

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 3

DESCRIPTION: Within the guidelines established in USSID 369 for time sensitive reporting, write time sensitive reports.

BILLET: Analyst

GRADES: CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of references, given time sensitive information, and in a field or garrison environment.

STANDARD: Within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Review USSIDs.
2. Review information.
3. Create report(s).

REFERENCES:
1. USSID 301
2. USSID 369

2629-PLAN-2009 Determine required I&W communications architecture at each echelon of SIGINT/EW operations

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 12

DESCRIPTION: The individual is required to determine how each echelon of SIGINT/EW operations will provide I&W to their supported unit.

BILLET: Analyst, Senior Analyst

GRADES: SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: MOJT

CONDITION: With the aid of references, given planning guidance, a warning order from higher, an organic table of organization, table of equipment, CEOI, and in a field or garrison environment.

STANDARD: To provide a COMM diagram of all networks for the SIGINT/EW unit, outlining primary, secondary, and tertiary I&W networks, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Identify supported unit reporting requirements.
2. Disseminate reporting.

REFERENCES:
1. Appropriate Hardware System User's Manual
2. Network Infrastructure STIG - DISA
3. System Operator's Manual

2629-ANYS-2010 Identify out-dated intelligence information

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 6

DESCRIPTION: Individual must determine information that has become obsolete due to recent information or is no longer relevant due to timeliness.

BILLET: Analysts

GRADES: CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: MOJT

CONDITION: With the aid of reference, given current and obsolete information, and in a field or garrison environment.

STANDARD: To determine information that has become obsolete due to recent information or is no longer relevant due to timeliness, as established by the commander, in accordance with the reference.

PERFORMANCE STEPS:
1. Review intelligence data.
2. Conduct analysis of SIGINT data.
3. Identify current intelligence.
4. Identify outdated intelligence.

REFERENCE:
1. Local SOP

2629-ANYS-2011 Identify potential targets

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 6

DESCRIPTION: Identify potential targets for exploitation or attack based on mission requirements.

BILLET: Team leader, Analyst, Ops Chief, Collection Manager

GRADES: SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: MOJT

CONDITION: Without the aid of references, given mission requirements, and in a field or garrison environment.

STANDARD: To assess strengths and vulnerabilities of targets through SIGINT Analysis, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Review intelligence data.
2. Conduct analysis.
3. Identify potential targets.
4. Create a target package.

REFERENCES:
1. MCRP2-3A Intelligence Preparation of the Battlefield
2. MCRP 3-16A Tactics, Techniques, and Procedures for the Targeting Process
3. MCRP 3-16B The Joint Targeting Process and Procedures for Targeting Time-Critical Elements
4. JP 2-01.1 Joint Tactics, Techniques, and Procedures for Intelligence Support to Targeting
5. JP 3-60 Joint Doctrine for Targeting

2629-ANYS-2012 Determine information gaps and information resources

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 6

DESCRIPTION: Individual will identify information gaps and determine resources to acquire the information.

BILLET: Analyst

GRADES: CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: MOJT

CONDITION: With the aid of references, given incomplete information and access to currently fielded analysis, reporting systems, and in a field or garrison environment.

STANDARD: In order to determine resources to acquire the information needed to fill the gap, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Review intelligence information.
2. Conduct collection management.

REFERENCES:
1. MCWP 2-3 MAGTF Intelligence Production and Analysis
2. MCWP 2-22 Signals Intelligence

2629-PROD-2013 Produce collection management plan

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 6

DESCRIPTION: Individual develops the collection plan and produces collection management tasking messages based upon CCIRs and PIRs.

BILLET: Ops Chief, Collection Manager

GRADES: SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTINGS: MOJT

CONDITION: With the aid of references, given a list of CCIRs and PIRs, tasking requirements, collection assets, fielded communications, analysis, reporting systems, and in a field or garrison environment.

STANDARD: In order to fill Intelligence requirements, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Review CCIRs and PIRs.
2. Review tasking requirements.
3. Produce collection management plan.

REFERENCES:
1. MCWP 2-2 MAGTF Intelligence Collections
2. MCWP 2-22 Signals Intelligence
3. MCWP 2-3 MAGTF Intelligence Production and Analysis

2629-ANYS-2014 Utilize and manipulate national level databases

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 3

DESCRIPTION: Individual will navigate all applicable databases.

BILLET: Analyst, Senior Analyst

GRADES: CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: MOJT

CONDITION: With the aid of references, given access to applicable databases, currently fielded analytic systems, and in a field or garrison environment,

STANDARD: To build Geospatial products to assist in the targeting process, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Access databases.
2. Conduct analysis of national level databases.
3. Create a target package.

REFERENCES:
1. JP 2-01 Joint and National Intelligence Support to Military Operations
2. MCDP 1-0 Marine Corps Operations
3. MCWP 2-3 MAGTF Intelligence Production and Analysis

2629-PROD-2015 Produce SIGINT gain/loss assessments

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: The individual is required to coordinate with the Electronic Warfare Officer prior to the conduct of EA in order to measure the impact on current signals of interest.

BILLET: Collection Manager, Analyst, Senior Analyst

GRADES: SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: MOJT

CONDITION: With the aid of references, given currently fielded communications systems, currently fielded analysis systems, and in a field or garrison environment.

STANDARD: In order to provide EWO with impact of EW, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Review intelligence data.
2. Conduct analysis of EW impact.

REFERENCES:
1. MCRP 3-16A Tactics, Techniques, and Procedures for the Targeting Process
2. MCRP 3-16B The Joint Targeting Process and Procedures for Targeting Time-Critical Elements
3. JP 2-01.1 Joint Tactics, Techniques, and Procedures for Intelligence

Support to Targeting
4. JP 3-60 Joint Doctrine for Targeting

2629-ANYS-2016 Conduct call-chain analysis

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 3

DESCRIPTION: Individual will conduct call-chain analysis in order to identify associations.

BILLET: Analyst, Senior Analyst

GRADES: CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of reference, given access to applicable databases, currently fielded analytic systems, and in a field or garrison environment.

STANDARD: To identify different levels of communications associations, within a time limit established by the commander, in accordance with the reference.

PERFORMANCE STEPS:
1. Access applicable databases.
2. Conduct analysis of communications associations.
3. Produce a call-chain diagram.

REFERENCE:
1. GEO Spatial Analysis Aids

2629-ANYS-2017 Conduct cryptanalysis

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: Individual will perform advanced cryptanalysis.

BILLET: Senior Analyst

GRADES: CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: MOJT

CONDITION: With the aid of references, given a cipher system, currently fielded analysis, reporting systems, and in a field or garrison environment.

STANDARD: By applying the principles of C/A, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Review communications data.

2. Conduct cryptanalysis
3. Identify anticipated activity.

REFERENCES:
1. TA-103
2. CA-104
3. FM 34-40-2 Basic Cryptanalysis

2629-PROD-2018 Produce Geospatial products

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 3

DESCRIPTION: Individual will build SIGINT products based on GEO Spatial information in order to support the targeting process.

BILLET: Analyst, Senior Analyst

GRADES: CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of references, given access to applicable databases, currently fielded analytic systems, and in a field or garrison environment.

STANDARD: To incorporate SIGINT and geospatial information into analysis, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Access applicable databases.
2. Conduct analysis of SIGINT data.
3. Produce geospatial product.

REFERENCES:
1. Applicable equipment manuals
2. GEO Spatial Analysis Aids
3. USSID 300 series

2629-DISS-2019 Determine available dissemination medium

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 3

DESCRIPTION: The individual must coordinate with the intended recipient so that the means of transmission/delivery is identified.

BILLET: Team Leader, ATL

GRADES: CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: MOJT

CONDITION: With the aid of references, given an event, multiple means of delivery (communications circuits), classification requirements, and in a field or garrison environment.

STANDARD: To deliver the appropriate medium based upon location, priority of intelligence, and means available within the time, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Identify supported unit reporting requirements.
2. Disseminate reporting.

REFERENCES:
1. USSIDS 300 Series
2. Station USSIDS
3. Local Reporting Criteria
4. CEOI
5. MCWP 2-1 Intelligence Operations
6. MCWP 2-3 MAGTF Intelligence Production and Analysis
7. MCWP 2-4 Marine Air-Ground Task Force Intelligence Dissemination
8. MCWP 5-1 Marine Corps Planning Process
9. SECNAVINST 5510.34A Disclosure of Classified Military Information and Controlled Unclassified Information to Foreign Governments, International Organizations, and Foreign Representatives

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2629-DISS-2020 Utilize proper sanitization procedures

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 6

DESCRIPTION: The individual will state and demonstrate proper sanitization of SIGINT reports for dissemination at other classification levels.

BILLET: Senior Analyst, Analyst

GRADES: CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of references, given a consumer, classified reports, proper sanitization authority, and in a field or garrison environment.

STANDARD: Within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Review classified reporting.
2. Properly sanitize reporting.

REFERENCES:
1. USSID 316
2. Sanitization primer
3. DCID 6/9 Physical Security Standards for Sensitive Compartmented Information Facilities

4. DoDD 5105.21-M-1 Sensitive Compartmented Information (SCI) Security Manual, Administrative Security

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2629-DISS-2021 Disseminate SIGINT

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 6

DESCRIPTION: The individual will disseminate SIGINT reports utilizing appropriate and available dissemination paths and forms in a timely manner.

BILLET: Analyst, Senior Analyst

GRADES: CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: MOJT

CONDITION: With the aid of references, given a SIGINT product, a SIGINT dissemination path, a time frame, current analysis system, a reporting system, a communications systems, and in a field or garrison environment.

STANDARD: To required recipients, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Review SIGINT reporting.
2. Disseminate reporting to appropriate consumers.

REFERENCES:
1. USSID 300 series
2. MCWP 2-1 Intelligence Operations
3. MCWP 2-3 MAGTF Intelligence Production and Analysis
4. MCWP 2-4 Marine Air-Ground Task Force Intelligence Dissemination
5. MCWP 5-1 Marine Corps Planning Process
6. SECNAVINST 5510.34A Disclosure of Classified Military Information and Controlled Unclassified Information to Foreign Governments, International Organizations, and Foreign Representatives

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SIGINT T&R MANUAL

CHAPTER 8

INDIVIDUAL EVENTS MOS 2631

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INDIVIDUAL EVENTS MOS 2631

8000. PURPOSE. This chapter details the individual training events that pertain to MOS 2631, Electronic Intelligence (ELINT) Intercept Operator/Analyst. These events are linked to a Service-level Mission Essential Tasks (MET). This linkage tailor's individual training for the selected MET. Each individual event provides an event title, along with the conditions events will be performed under, and the standard to which the event must be performed to be successful.

8001. ADMINISTRATIVE NOTES. T&R events are coded for ease of reference. Each event has a 4-4-4-digit identifier. The first four digits represent the occupational field or military occupational specialty (i.e., SIGT, 2602, 2651). This chapter contains 2631 events. The second four digits represent the functional or duty area. The last four digits represent the level, and identifier number of the event. Every individual event has an identifier number from 001 to 999.

8002. INDEX OF INDIVIDUAL EVENTS

1. **SIGINT 1000-LEVEL EVENTS.** Basic ELINT intercept operator/analyst individual events taught during initial MOS formal school training.

2. **SIGINT 2000-LEVEL EVENTS.** Additional events for the ELINT intercept operator/analyst (2631). Additional ITS events taught either at other SIGINT courses or learned through MOJT.

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8003. SIGINT 1000-LEVEL EVENTS

2631-ANYS-1001 Maintain the Electronic Order of Battle (EOB)

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 6

DESCRIPTION: The Marine will create, update, and maintain tactical EOB.

BILLET: ELINT Analyst

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of references, given a specific AOI, access to national/theater level databases and publications, and in a field or garrison environment.

STANDARD: To ensure information derived from national, theater, and organic data, is related to unit specific mission, within a time line established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Create EOB based on national, theater, and organic data.
2. Update EOB based on national, theater, and organic data.

REFERENCES:
1. MCDP 1-0 Marine Corps Operations
2. MCRP 2-3A Intelligence Preparation of the Battlefield
3. MCRP 5-12A Operational Terms and Graphics
4. MCWP 2-1 Intelligence Operations
5. MCWP 2-3 MAGTF Intelligence Production and Analysis

2631-ANYS-1002 Analyze national/theater data

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 6

DESCRIPTION: Receive, process and evaluate data from National/Theater level collection assets.

BILLET: ELINT Analyst

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of references, given an ELINT report, access to National/Theater Level databases, publications and reporting's, and in a field or garrison environment.

STANDARD: To integrate valid information into the TEOB and discount erroneous information, within a time line established by the commander, in

accordance with the references.

PERFORMANCE STEPS:
1. Collect data from national/theater assets.
2. Verify the accuracy of the information reported from national/theater assets.

REFERENCES:
1. J-TENS Manual
2. MCWP 2-22 Signals Intelligence
3. MCWP 2-3 MAGTF Intelligence Production and Analysis
4. Local SOP

2631-ANYS-1003 Analyze organic data

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 6

DESCRIPTION: Given collected data, produce reports in support of operations.

BILLET: ELINT Analyst

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of references, given collected parametric data, access to national/theater level databases and publications, and in a field or garrison environment.

STANDARD: To produce a report on the outcome of the analysis, within a time line established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Identify collected data.
2. Validate data.
3. Analyze collected parametric data for reporting.

REFERENCES:
1. USSID 240
2. USSID 300
3. USSID 340
4. EPL
5. EWIR
6. KILTING

2631-ANYS-1004 Correlate national/theater/organic ELINT data

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 6

DESCRIPTION: Consolidate multiple source ELINT data in support of operations.

BILLET: ELINT Analyst

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of references, given multiple source ELINT data and mission tasking, access to national/theater level databases, publications, and in a field or garrison environment.

STANDARD: To produce specific multi source ELINT reports to support mission requirements, within a time line established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Collect ELINT data from national, theater, and organic sources.
2. Analyze data.
3. Consolidate ELINT into a report.

REFERENCES:
1. USSID 240
2. MCWP 2-22 Signals Intelligence
3. MCWP 2-3 MAGTF Intelligence Production and Analysis

2631-ANYS-1005 Maintain databases

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: Incorporate information into appropriate database.

BILLET: ELINT Analyst

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of references, given new ELINT data, access to national/theater databases and broadcast data, and in a field or garrison environment.

STANDARD: To populate the correct database with the new ELINT data, within a time line established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Verify collected data.
2. Update database.
3. Delete redundant data from database.

REFERENCES:
1. Local SOP
2. Database Management Administrator Manual(s)
3. MCWP 2-22 Signals Intelligence

2631-ANYS-1006 Operate Integrated Broadcast Receiver (IBR)

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 12

DESCRIPTION: Operate IBR.

BILLET: ELINT Analyst

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of references, given an IBR, and in a field or garrison environment.

STANDARD: To receive intelligence data from intelligence broadcast, within a time line established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Utilize the IBR receive Intel.
2. Create and maintain AOR specific filters in support of operations.

REFERENCES:
1. I-BUG
2. Local SOP
3. Technical Manuals

2631-ANYS-1007 Operate Tactical Data Processor (TDP)

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 12

DESCRIPTION: Operate TDP.

BILLET: ELINT Analyst

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of references, given a TDP, and in a field or garrison environment.

STANDARD: In order to display and manipulate intelligence data, within a time line established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Gather intelligence data from the IBR.
2. Display intelligence data.
3. Manipulate intelligence data.

REFERENCES:
1. Gale-Lite User's Guide

2. TERPES Operator's Guide

2631-ANYS-1008 Identify Theater Ballistic Missile (TBM) events

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 6

DESCRIPTION: Identify and report TBM events.

BILLET: ELINT Analyst

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of reference, given the current IBR/TDP, and in a field or garrison environment.

STANDARD: In order to report on the current and past TBM events, within a time line established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Set collection filter for TBM's.
2. Set alarms for TBM launch.
3. Analyze incoming TBM data.
4. Submit SALUTE report with launch information.

REFERENCE:
1. I-BUG
2. MCRP 2-3A Intelligence Preparation of the Battlefield
3. FM 34-2 Collection Management and Synchronization Planning
4. MCDP 5 Planning
5. MCWP 2-22 Signals Intelligence

2631-ANYS-1009 Correlate radar signals to threat platforms

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 6

DESCRIPTION: Given parametric data, identify threat platform.

BILLET: ELINT Analyst

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of references, given IBR/TDP, parametric data, and in a field or garrison environment.

STANDARD: To correlate parametric data to a RADAR/threat platform, and identify the threat platform based on current radar inventory, within a time line established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Collect radar signals thru GALE-Lite.
2. Correlate real-world data with known EOB data.
3. Filter for all possible matches.
4. Pin radar data to site/platform.

REFERENCES:
1. EPL
2. EWIR
3. KILTING
4. HULTEC
5. I-BUG

2631-ANYS-1010 Analyze COMINT external events

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 6

DESCRIPTION: Given parametric data, analyze COMINT external events.

BILLET: ELINT Analyst

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of references, given TDP, broadcast data and/or national level database access, and in a field or garrison environment.

STANDARD: To report parametric data to the collection manager, and SIGINT analyst, within a time line established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Identify COMINT external events.
2. Evaluate events for intelligence value.
3. Report data.

REFERENCES:
1. I-BUG
2. MCRP 2-3A Intelligence Preparation of the Battlefield
3. MCWP 2-1 Intelligence Operations
4. MCWP 2-22 Signals Intelligence

2631-ANYS-1011 Utilize communist and non-communist ELINT parameters limits list

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 6

DESCRIPTION: Given parametric values, identify radars.

BILLET: ELINT Analyst

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of references, given an EPL, parametric data, and in a field or garrison environment.

STANDARD: To identify possible radars based on EPL data and AOI inventory, within a time line established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Identify blue EPL.
2. Identify yellow EPL.
3. Identify ELNOTs.
4. Identify parametric data used in EPL.
5. Match collected data with data from EPL.

REFERENCES:
1. EPL
2. MCWP 2-22 Signals Intelligence

2631-ANYS-1012 Extract reportable ELINT information

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 6

DESCRIPTION: Upon receipt of processed ELINT information, the analyst must be able to extract the pertinent, reportable, actionable intelligence information.

BILLET: ELINT Analyst

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of references, given RFIs, TDP, and in a field or garrison environment.

STANDARD: To identify and consolidate information to satisfy an RFI, within a time line established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Receive processed ELINT information.
2. Analyze information for intelligence value.
3. Extract pertinent, reportable, and actionable intelligence information.

REFERENCES:
1. MCWP 2-1 Intelligence Operations
2. MCWP 2-22 Signals Intelligence

2631-GENI-1013 Handle CMS/EKMS material

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: The Marine will identify and request the appropriate CMS/EKMS for organic systems.

BILLET: ELINT Analyst

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of references, given organic equipment, CMS/EKMS requirements, IBR, and in a field or garrison environment.

STANDARD: In order to have broadcast access for current equipment configuration, within a time line established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Generate request for CMS/EKMS.
2. Store CMS/EKMS.
3. Identify handling procedures
4. Identify the procedures for the destruction of EKMS.

REFERENCES:
1. EKMS-1
2. Local SOP
3. SECNAVINST 5510.36 DON Information Security Program (ISP) Regulation
4. DCID 6/9 Physical Security Standards for Sensitive Compartmented Information Facilities
5. DoDD 5200.1 DOD Information Security Program
6. DoDD TS-5105.21-M/2 Sensitive Compartmented Information (SCI) Security Manual, Communications Intelligence (COMINT) Policy

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2631-PROD-1014 Produce TACELINT

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 6

DESCRIPTION: Given parametric data, produce TACELINT.

BILLET: ELINT Analyst

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of references, given a TACELINT template, parametric values, and in a field or garrison environment.

STANDARD: To support current mission requirement, within a time line established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Collect reportable ELINT data.
2. Generate TACELINT from collected data.

REFERENCES:
1. USSID 240
2. USSID 300
3. USSID 340

2631-TRGT-1015 Utilize MIDB for SIGINT target development

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 12

DESCRIPTION: The ELINT analyst must utilize the MIDB for SIGINT target development.

BILLET: ELINT Analyst

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of references, given the current MIDB, and in a field or garrison environment.

STANDARD: To provide data to be used in target development, within a time line established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. State databases included in the MIDB.
2. Correlate collected data with MIDB data.
3. Update MIDB with collected data.
4. Pass updated data to targeting cell.

REFERENCES:
1. MCRP 3-16A Tactics, Techniques, and Procedures for the Targeting Process
2. MCRP 3-16B The Joint Targeting Process and Procedures for Targeting Time-Critical Elements
3. JP 2-01.1 Joint Tactics, Techniques, and Procedures for Intelligence Support to Targeting
4. JP 3-60 Joint Doctrine for Targeting

2631-DISS-1016 Report SERE/TRAP/CSAR data

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 6

DESCRIPTION: The ELINT analyst must provide SERE/TRAP/CSAR data as required.

BILLET: ELINT Analyst

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of references, given access to intelligence broadcast data, and in a field or garrison environment.

STANDARD: To provide data to support search and recovery missions, within a time line established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Collect SIGINT data from organic and/or outside sources.
2. Analyze collected data.
3. Identify data that supports search and recovery missions.

REFERENCES:
1. I-BUG
2. MCWP 2-22 Signals Intelligence

2631-TRGT-1017 Conduct support to the reactive targeting process

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 6

DESCRIPTION: The ELINT analyst must conduct SIGINT support to the reactive targeting process.

BILLET: ELINT Analyst

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of references, given access to intelligence broadcast data, current IBR/TDP, and in a field or garrison environment.

STANDARD: By identifying valid targets for kinetic or non-kinetic destruction, within a time line established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Utilize IBR/TDP.
2. Collect organic data.
3. Analyze data for targeting value.
4. Submit targeting data for use during targeting process.

REFERENCES:
1. EPL
2. RADAR Handbook
3. MCRP 3-16A Tactics, Techniques, and Procedures for the Targeting Process
4. MCRP 3-16B The Joint Targeting Process and Procedures for Targeting Time-Critical Elements
5. JP 2-01.1 Joint Tactics, Techniques, and Procedures for Intelligence Support to Targeting
6. JP 3-60 Joint Doctrine for Targeting

2631-DISS-1018 Determine urgency of SIGINT data

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 3

DESCRIPTION: Individual must determine timeliness of information.

BILLET: ELINT Analyst

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of references, given data, current reporting guidelines, and in a field or garrison environment.

STANDARD: To identify best dissemination means to meet time sensitive reporting guidelines, within a time line established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Receive data.
2. Evaluate data for value.
3. Determine dissemination means based on timeliness requirement.

REFERENCES:
1. USSID 240
2. USSID 300

2631-SCTY-1019 Properly mark/handle classified material

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 6

DESCRIPTION: In order to ensure that classified material is properly safeguarded and its distribution is limited to authorized personnel and communications channels, the material must be properly marked in accordance with governing regulations.

BILLET: ELINT Analyst

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of references, given classified material, and in a field or garrison environment.

STANDARD: In accordance with the references, within a time line established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Mark all documents with proper classification marking.
2. Ensure TPI on all keymat material.
3. Destroy all documents and media no longer used.

REFERENCES:

1. SECNAVINST 5510.36 DON Information Security Program (ISP) Regulation
2. Local SOP
2. DCID 6/9 Physical Security Standards for Sensitive Compartmented Information Facilities
3. DoDD 5105.21-M-1 Sensitive Compartmented Information (SCI) Security Manual, Administrative Security

8004. SIGINT 2000-LEVEL EVENTS

2631-ANYS-2001 Identify potential targets

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 6

DESCRIPTION: The analyst will identify potential targets for electronic and kinetic attack.

BILLET: ELINT Analyst

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: MOJT

CONDITION: With the aid of references, given potential target lists, and in a field or garrison environment.

STANDARD: To provide parametric values to be used as targeting data for electronic or kinetic attack, within a time line established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Collect parametric data.
2. Analyze collected parametric data.
3. Perform best match to EOB.
4. Create target list of potential targets.

REFERENCES:
1. DIA Intelligence Reference Document DI 2820-4-02 Battle Damage Assessment Quick Guide
2. JP 2-01.1 Joint Tactics, Techniques, and Procedures for Intelligence Support to Targeting
3. JP 3-60 Joint Doctrine for Targeting
4. MCRP 3-16A Tactics, Techniques, and Procedures for the Targeting Process
5. MCWP 2-1 Intelligence Operations
6. MCWP 2-3 MAGTF Intelligence Production and Analysis

2631-DISS-2002 Conduct oral briefs

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 3

DESCRIPTION: Individual must present information orally to an audience.

BILLET: ELINT Analyst

GRADES: LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: MOJT

CONDITION: With the aid of references, given a prepared brief, and in a field or garrison environment.

STANDARD: To convey the information briefed in a clear and concise manner and ensure an understanding through a question and answer period, within a time line established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Choose briefing topic.
2. Study briefing topic.
3. Rehearse briefing topic.
4. Give brief

REFERENCES:
1. Local SOP
2. MCWP 2-22 Signals Intelligence

2631-ANYS-2003 Review MISREP

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 6

DESCRIPTION: The ELINT analyst must review MISREPS for increased situational awareness in order to provide and/or direct organic SIGINT assets for future input to the targeting process as required.

BILLET: ELINT Analyst

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: MOJT

CONDITION: Without the aid of reference, given MISREPs, and in a field or garrison environment.

STANDARD: To conduct a post-mission analysis based on comparison of collected data and post-mission debrief after the end of a mission, within a time line established by the commander, in accordance with the reference.

PERFORMANCE STEPS:
1. Receive RRS tape from aircrew.
2. Process RRS tape.
3. Pull pertinent data from processed mission.
4. Create a SOI list to give to aircrew.

REFERENCE:
1. MCWP 2-22 Signals Intelligence

2631-PLAN-2004 Conduct liaison with national and theater level agencies, analytic and collection assets

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: The analyst will coordinate and liaison with National and Theater agencies and units that conduct SIGINT/EW operations in the given AOI

in order to gain access to the I&W dissemination architecture. The coordination will be conducted prior to deployment.

BILLET: ELINT Chief, Senior Analyst

GRADES: SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: MOJT

CONDITION: Without the aid of references, given a warning order, and in a field or garrison environment.

STANDARD: To compile required data to be utilized during the RFI fulfillment process, within a time line established by the commander, in accordance with the reference.

PERFORMANCE STEPS:
1. Coordinate with higher agencies to receive EOB for area of interest.
2. Create Geo-filters through GALE-lite in AOI
3. Correlate real-time data with historic data.
4. Submit answered RFI to appropriate agency.

REFERENCES:
1. MCRP 3-16A Tactics, Techniques, and Procedures for the Targeting Process
2. MCRP 3-16B The Joint Targeting Process and Procedures for Targeting Time-Critical Elements
3. JP 2-01.1 Joint Tactics, Techniques, and Procedures for Intelligence Support to Targeting
4. JP 3-60 Joint Doctrine for Targeting

2631-TRGT-2005 Conduct Signals Intelligence support to Time Sensitive Targeting (TST) process

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 6

DESCRIPTION: The electronic intelligence analyst must conduct signals intelligence support to time sensitive targeting (TST) process as required.

BILLET: ELINT Analyst

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: MOJT

CONDITION: With the aid of references, given access to Intelligence broadcast, organic data, and current IBR/TDP, and in a field or garrison environment.

STANDARD: To identify valid targets for kinetic or non-kinetic destruction, within a time line established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Collect ELINT data and selected targets.
2. Analyze collected data.
3. Pass parametric data to aircrew.

REFERENCES:
1. EPL
2. MCRP 3-16A Tactics, Techniques, and Procedures for the Targeting Process
3. MCRP 3-16B The Joint Targeting Process and Procedures for Targeting Time-Critical Elements
4. JP 2-01.1 Joint Tactics, Techniques, and Procedures for Intelligence Support to Targeting
5. JP 3-60 Joint Doctrine for Targeting

2631-ANYS-2006 Identify Indications and Warning (I&W) information

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 3

DESCRIPTION: The Marine will determine intelligence that includes forewarning of enemy actions or intentions; the imminence of hostilities; insurgency; hostile reactions.

BILLET: ELINT Analyst

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: MOJT

CONDITION: With the aid of references, given an intelligence report or intercept, supported units, and in a field or garrison environment.

STANDARD: To identify and ensure proper dissemination to supported units in accordance with information needs, within a time line established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Prepare target area EOB.
2. Research normal radar activity last 120 days.
3. Report any unusual high activity level.
4. Report any activity running unusual parameters.
5. Prepare SALUTE report for dissemination.

REFERENCES:
1. USSID 301
2. USSID 369
3. MCWP 2-22 Signals Intelligence

2631-ANYS-2007 Utilize databases

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 12

DESCRIPTION: As required the Marine will populate, maintain, and pull from appropriate national, theater and organic, archives in order to provide and maintain an accurate record of events/intelligence.

BILLET: ELINT Analyst

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: MOJT

CONDITION: With the aid of references, given access to national, theater and organic databases, and in a field or garrison environment.

STANDARD: To update, populate, and collate national, theater, and organic archives, and maintain an accurate record of events/intelligence, within a time line established by the commander, in accordance with the reference.

PERFORMANCE STEPS:
1. Collect parametric data.
2. Compare collected data to old databases.
3. Update databases as needed with new collected data.

REFERENCE:
1. Local SOP

2631-DISS-2008 Utilize SIGINT dissemination paths

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 6

DESCRIPTION: The Marine will utilize appropriate and available SIGINT dissemination paths in order to provide products to customers.

BILLET: ELINT Analyst

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: MOJT

CONDITION: With the aid of references, given a SIGINT product in the proper format, an available SIGINT dissemination path to include: courier, electronic, and verbal means, and in a field or garrison environment.

STANDARD: To provide SIGINT products to customers, within a time line established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Quality control SIGINT product for accuracy.
2. Ensure proper reports are properly classified.
3. Provide list of addressee's
4. Submit report.

REFERENCES:
1. MCWP 2-1 Intelligence Operations

2. MCWP 2-3 MAGTF Intelligence Production and Analysis
3. MCWP 2-4 Marine Air-Ground Task Force Intelligence Dissemination
4. MCWP 5-1 Marine Corps Planning Process
5. SECNAVINST 5510.34A Disclosure of Classified Military Information and Controlled Unclassified Information to Foreign Governments, International Organizations, and Foreign Representatives

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2631-DISS-2009 Determine dissemination requirements

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 6

DESCRIPTION: The Marine will determine dissemination requirements based on the SIGINT customer's needs and time constraints.

BILLET: ELINT Chief, Senior Analyst

GRADES: SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: MOJT

CONDITION: With the aid of references, given data, a list of consumer requirements, means available for transmission, and security requirements, and in a field or garrison environment.

STANDARD: To ensure the supported unit will have access to and receives all pertinent information available to accomplish their mission in a timely manner, within a time line established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Identify consumer requirements.
2. Collect data needed to complete requirements.
3. Submit reports to required consumers.

REFERENCES:
1. MCWP 2-1 Intelligence Operations
2. MCWP 2-3 MAGTF Intelligence Production and Analysis
3. MCWP 2-4 Marine Air-Ground Task Force Intelligence Dissemination
4. MCWP 5-1 Marine Corps Planning Process
5. SECNAVINST 5510.34A Disclosure of Classified Military Information and Controlled Unclassified Information to Foreign Governments, International Organizations, and Foreign Representatives

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2631-DISS-2010 Determine SIGINT customer

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 6

DESCRIPTION: The Marine must determine who has a requirement for their support.

BILLET: ELINT Chief, Senior Analyst

GRADES: SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: MOJT

CONDITION: With the aid of reference, given a mission order, supporting documents, and in a field or garrison environment.

STANDARD: To provide SIGINT in support of their information needs, within a time line established by the commander, in accordance with the reference.

PERFORMANCE STEPS:
1. Determine units operating in the AOR.
2. Brief units on information you can provide.
3. Verify unit's security access.
4. Deliver information to units.

REFERENCE:
1. Local SOP

2631-DISS-2011 Determine SIGINT dissemination periodicity

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: The Analyst must determine SIGINT dissemination periodicity requirements in order to prioritize information flow to all of their customers.

BILLET: ELINT Chief, Senior Analyst

GRADES: SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: MOJT

CONDITION: With the aid of references, given a SIGINT mission, and in a field or garrison environment.

STANDARD: To facilitate information flow to SIGINT customers in a timely manner, within a time line established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Determine units operating in the AOR.
2. Brief units on information you can provide.
3. Verify unit's security access.

REFERENCES:
1. MCWP 2-1 Intelligence Operations
2. MCWP 2-3 MAGTF Intelligence Production and Analysis
3. MCWP 2-4 Marine Air-Ground Task Force Intelligence Dissemination
4. MCWP 5-1 Marine Corps Planning Process

5. SECNAVINST 5510.34A Disclosure of Classified Military Information and Controlled Unclassified Information to Foreign Governments, International Organizations, and Foreign Representatives

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2631-SCTY-2012 Prepare an Emergency Action Plan (EAP)

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 12

DESCRIPTION: Each accredited SCIF or SECURE AREA must establish an Emergency Action Plan to be approved by the G-2/S-2 or SSO as appropriate. The plan will include safety of personnel over all other factors. The plan will address items such as physical protection of personnel and classified material in the SCIF or secure area, adequacy of fire fighting and life support equipment, entrance of emergency personnel, evacuation plans for personnel, emergency destruction and transfer of classified material and equipment in the event of disaster or disorder.

BILLET: ELINT Chief, Senior Analyst

GRADES: SSGT, GYSGT

INITIAL TRAINING SETTINGS: MOJT

CONDITION: With the aid references, and in a field or garrison environment.

STANDARD: To ensure the safeguard of classified in the event of an emergency, within a time line established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Ensure all documents and media are properly marked.
2. Develop an emergency destruction plan.
3. Destroy all documents and media no longer needed.

REFERENCES:
1. SECNAVINST 5510.30 DON Personnel Security Program (PSP) Regulation
2. DCID 6/9 Physical Security Standards for Sensitive Compartmented Information Facilities
3. DoDD 5105.21-M-1 Sensitive Compartmented Information (SCI) Security Manual, Administrative Security

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2631-SCTY-2013 Determine requirements and handling procedures for CMS/EKMS associated with organic SIGINT/EW systems

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 6

DESCRIPTION: It is incumbent upon the SNCOIC to ensure that The Marine will ensure the proper handling/storage of CMS material within their detachment.

BILLET: ELINT Chief, Senior Analyst

GRADES: SSGT, GYSGT

INITIAL TRAINING SETTINGS: MOJT

CONDITION: With the aid of references, given organic SIGINT/EW systems, and in a field or garrison environment.

STANDARD: To ensure compliance with current local unit SOP and in accordance with the references, within a time line established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Establish two person integrity (TPI) procedures.
2. Identify the accountability codes.
3. Define communications security (COMSEC).
4. Destroy CMS material.
5. Account for CMS material.

REFERENCES:
1. EKMS-1
2. SECNAVINST 5510.36 DON Information Security Program (ISP) Regulation
3. DCID 6/9 Physical Security Standards for Sensitive Compartmented Information Facilities
4. DoDD 5200.1 DOD Information Security Program
5. DoDD 5200.1 DOD Information Security Program
6. DoDD TS-5105.21-M/2 Sensitive Compartmented Information (SCI) Security Manual, Communications Intelligence (COMINT) Policy

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2631-SCTY-2014 Conduct sanitization of a secure area

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 6

DESCRIPTION: Upon notification of uncleared personnel requiring access to the secure area, the analyst must ensure that all classified material is properly secured, and cleared personnel are guarding all classified material.

BILLET: ELINT Analyst

GRADES: CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: MOJT

CONDITION: With the aid of references, given classified material, a secure room, and in a field or garrison environment.

STANDARD: To ensure the classified material in the secured area is protected form unauthorized discloser, within a time line established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Determine which of the four classification levels is appropriate.
2. Select the SF 700 series classification labels.
3. Place classification labels on media.

4. Place classification markings on documents.
5. Remove or cover-up all classified materials.

REFERENCES:
1. SECNAVINST 5510.36 DON Information Security Program (ISP) Regulation
2. DCID 6/9 Physical Security Standards for Sensitive Compartmented Information Facilities
3. DoDD 5200.1 DOD Information Security Program
4. DoDD 5200.1 DOD Information Security Program
5. DoDD TS-5105.21-M/2 Sensitive Compartmented Information (SCI) Security Manual, Communications Intelligence (COMINT) Policy

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2631-SCTY-2015 Conduct classified material inventory

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: Given a classified inventory, account for all listed items.

BILLET: ELINT Chief, Senior Analyst

GRADES: SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: MOJT

CONDITION: With the aid of references, given classified material, a storage area, and in a field or garrison environment.

STANDARD: To ensure that all items contained in the inventory are accounted for, within a time line established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Tag all classified material when received.
1. Create classified material inventory list.
2. Check for 100% accuracy of inventory.

REFERENCES:
1. SECNAVINST 5510.30 DON Personnel Security Program (PSP) Regulation
2. DCID 6/9 Physical Security Standards for Sensitive Compartmented Information Facilities
3. DoDD 5105.21-M-1 Sensitive Compartmented Information (SCI) Security Manual, Administrative Security

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2631-SCTY-2016 Prepare a secure area access roster

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: An Access Roster shall be maintained to determine who is allowed within the confines of the secure area.

BILLET: ELINT Chief/Senior Analyst

GRADES: SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: MOJT

CONDITION: With the aid of references, and in a field or garrison environment.

STANDARD: To ensure that only those personnel who are authorized to enter the secure area do, within a time line established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Request clearance information from SSO.
2. Update security roster for individuals needing access.
3. Verify individuals on roster.

REFERENCES:
1. SECNAVINST 5510.36 DON Information Security Program (ISP) Regulation
2. DCID 6/9 Physical Security Standards for Sensitive Compartmented Information Facilities
3. DoDD 5200.1 DOD Information Security Program
4. DoDD 5200.1 DOD Information Security Program
5. DoDD TS-5105.21-M/2 Sensitive Compartmented Information (SCI) Security Manual, Communications Intelligence (COMINT) Policy

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2631-DISS-2017 Determine available dissemination medium

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 6

DESCRIPTION: The Marine must coordinate with the consumer so that the means of transmission/delivery is identified.

BILLET: ELINT Chief, Senior Analyst

GRADES: SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: MOJT

CONDITION: With the aid of references, given multiple means of delivery (communications circuits), classification requirements, and in a field or garrison environment.

STANDARD: To deliver actionable intelligence based upon location, priority of intelligence, and means available, within a time line established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Determine units operating in the AOR.
2. Brief units on information you can provide.
3. Determine which form of delivery is best for the consumer.
4. Send/Post SIGINT products.

REFERENCES:
1. MCWP 2-1 Intelligence Operations
2. MCWP 2-3 MAGTF Intelligence Production and Analysis
3. MCWP 2-4 Marine Air-Ground Task Force Intelligence Dissemination
4. MCWP 5-1 Marine Corps Planning Process
5. SECNAVINST 5510.34A Disclosure of Classified Military Information and Controlled Unclassified Information to Foreign Governments, International Organizations, and Foreign Representatives

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2631-DISS-2018 Disseminate SIGINT products

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 6

DESCRIPTION: The Marine will disseminate SIGINT utilizing appropriate and available dissemination paths and forms in a timely manner

BILLET: ELINT Analyst

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: MOJT

CONDITION: With the aid of references, given a SIGINT product, an available SIGINT dissemination path, and in a field or garrison environment.

STANDARD: In a timely manner in support of operations, within a time line established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Determine units operating in the AOR.
2. Brief units on information you can provide.
3. Determine which form of delivery is best for the consumer.
4. Send/Post SIGINT products.

REFERENCES:
1. MCWP 2-1 Intelligence Operations
2. MCWP 2-3 MAGTF Intelligence Production and Analysis
3. MCWP 2-4 Marine Air-Ground Task Force Intelligence Dissemination
4. MCWP 5-1 Marine Corps Planning Process
5. SECNAVINST 5510.34A Disclosure of Classified Military Information and Controlled Unclassified Information to Foreign Governments, International Organizations, and Foreign Representatives

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SIGINT T&R MANUAL

CHAPTER 9

INDIVIDUAL EVENTS MOS 2651

SIGINT T&R MANUAL

CHAPTER 9

INDIVIDUAL EVENTS MOS 2651

9000. PURPOSE. This chapter details the individual events that pertain to MOS 2651, Special Intelligence System Administrator/ Communicator. These events are linked to a Service-level Mission Essential Tasks (MET). This linkage tailors individual training for the selected MET. Each individual event provides an event title, along with the conditions events will be performed under, and the standard to which the event must be performed to be successful.

9001. ADMINISTRATIVE NOTES. T&R events are coded for ease of reference. Each event has a 4-4-4-digit identifier. The first four digits represent the occupational field or military occupational specialty (i.e., SIGT, 2602, 2611). This chapter contains 2651 events. The second four digits represent the functional or duty area. The last four digits represent the level, and identifier number of the event. Every individual event has an identifier number from 001 to 999.

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9003. SIGINT 1000-LEVEL EVENTS

2651-CCTR-1001 Process message traffic

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: The individual will route SCI messages to their correct destination.

BILLET: SI Communicator, System Administrator, SSO

GRADE: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: Without the aid of references, given a properly classified message, access to an SCI messaging systems and software, and in a field or garrison environment.

STANDARD: To determine the ultimate destination of the message, and securely route it to that destination in performance step sequence.

PERFORMANCE STEPS:
1. Identify the components of a GENADMIN message.
2. Identify the components of a DSSCS message.
3. Utilize the Automated Message Handling System.
4. Determine routing indicators.
5. Identify service messages.

REFERENCES:
1. ACP-117 U.S. Signals Intelligence Directive (USSID) 229
2. ACP-121 Communications Instructions - General
3. Appropriate Local Standard Operating Procedure
4. DMS System Administration Manual
5. DOI 101 DSSCS Operating Instructions
6. DOI 102 DSSCS Operating Instructions
7. DOI-103 DSSCS Operating Instruction
8. NAVSECGRUINST S2501 Special Security Communications Manual
9. NTP 3 Telecommunications User's Manual

2651-CCTR-1002 Process a lateral critic message

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: The most important message is a critic message. This message must be processed quickly and properly.

BILLET: SI Communicator, System Administrator, SSO

GRADE: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of references, given a classified message, access to SCI messaging systems and software, and in a field or garrison environment.

STANDARD: To insure it reaches its intended destination, within 60 seconds of receipt.

PERFORMANCE STEPS:
1. Identify a lateral critic message.
2. Identify the format of a lateral critic message.

REFERENCES:
1. ACP-117, U.S. Signals Intelligence Directive (USSID) 229
2. Appropriate Local Standard Operating Procedure
3. DMS System Administration Manual
4. DOI 101, DSSCS Operating Instructions
5. DOI 102, DSSCS Operating Instructions
6. DOI-103, DSSCS Operating Instruction
7. NAVSECGRUINST S2501, Special Security Communications Manual

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2651-CCTR-1003 Receive PKI certificate

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: PKI certificates are now required for system administrators in order to perform system admin functions on each of the LAN networks.

BILLET: System Administrator

GRADE: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of references, in a field or garrison environment.

STANDARD: To acquire PKI certification, and execute system administrative functions in accordance with the commander's intent.

PERFORMANCE STEPS:
1. Identify purpose of PKI certificate.
2. Obtain the PKI certificate.

REFERENCES:
1. Annex K
2. Annex P
3. Navy Marine Corps Intranet procedures
4. Computer Security Basics/O'Reliey publishing

2651-CCTR-1004 Transmit an SCI message

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: Transmit a prepared SCI message in support of SIGINT operations.

BILLET: SI Communicator, System Administrator, SSO

GRADE: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of references, given a prepared SCI message, an accredited and operational SCI message distribution system, and in a T-SCIF or a garrison SCIF environment.

STANDARD: To ensure message traffic reaches intended recipients, in performance step order, and in accordance with the references.

PERFORMANCE STEPS:
1. Identify the parts of a Naval message.
2. Determine message precedence used in Naval communications.
3. Identify all the components in the DSSCS message.
4. Determine SIGAD.
5. Determine DAG.

REFERENCES:
1. Appropriate Local Standard Operating Procedure
2. DMS System Administration Manual
3. NAVSECGRUINST S2501 Special Security Communications Manual

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2651-CCTR-1005 Transmit a critic message

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: The most important message that a 2651 will handle is the critic message.

BILLET: SI Communicator, System Administrator, SSO

GRADE: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: Without the aid of references, given a prepared Critic message, an accredited and operational SCI message distribution system, and in a T-SCIF or a garrison SCIF environment.

STANDARD: To distribute a Critic message, in less than three minutes from time of receipt, and in performance step order.

PERFORMANCE STEPS:
1. Define the purpose of a Critic message.
2. Identify the controlling documents for critic preparation and transmission.
3. Identify the format of a Critic message.

4. Describe the contents of a Critic handling report.

REFERENCES:
1. Appropriate Local Standard Operating Procedure
2. DMS System Administration Manual
3. NAVSECGRUINST S2501, Special Security Communications Manual
4. USSID 301
5. DOI-103 DSSCS Operating Instructions

2651-SYSA-1006 Conduct basic system administration

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: This is a collective of basic tasks that a System Administrator must be able to perform.

BILLET: System Administrator

GRADE: PVT, PFC, LCPL, SGT, SSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of references, given a mission order to facilitate the conduct of SIGINT operations, the appropriate hardware, software, and in a field or garrison environment.

STANDARD: To provide system administration software tools, without violating ATO or TFUM, within a time limit established by the commanding officer.

PERFORMANCE STEPS:
1. Utilize basic OS commands.
2. Utilize VI editor.
3. Utilize OS system administration tools.

REFERENCES:
1. Linux in a Nutshell, O'Reilly Publishing
2. Unix in a Nutshell System V Edition, O'Reilly Publishing
3. Windows 2000 Commands Pocket Reference, O'Reilly Publishing

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2651-SYSA-1007 Manage network file systems

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: Many files and databases are placed on centralized servers. The users access these components through means of network access. To ensure confidentiality, integrity and availability of these files, the individual must properly manage the networked file systems.

BILLET: System Administrator

GRADE: PVT, PFC, LCPL, CPL, SGT, SSGT

INITIAL TRAINING SETTINGS: MOJT

CONDITION: With the aid of references, given access to the network, provided appropriate rights and permissions for the administration of NFS, and in a field or garrison environment.

STANDARD: To assign and remove rights, access, manage directory sizes, schedule and perform backups and recoveries in accordance with the local SOP.

PERFORMANCE STEPS:
1. Utilize disk administration tools.
2. Utilize command line tools to create a network share.
3. Perform file system back-ups.
4. Perform file system recovery.

REFERENCES:
1. Appropriate Local Standard Operating Procedure
2. Managing NFS and NIS, O'Reilly Publishing
3. System Operator's Manual
4. UNIX System and Network Administration Manual
5. Windows 2000 Security Checklist - DISA

2651-SYSA-1008 Identify the layers of the TCP/IP and OSI models

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: The OSI (Open System Interconnection) model and TCP/IP model were developed to provide a reference model for the complex aspects related to network communication. The OSI model divides the different functions and services provided by network hardware and software in 7 layers. The TCP/IP model divides the different functions and services provided by network hardware and software in 5 layers. Both of these models are the basic building blocks for all other knowledge related to networking. In order to understand how networks communicate, an individual must understand the layers of the models and how they interact with one another.

BILLET: SI Communicator, System Administrator

GRADE: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTINGS: MOJT

CONDITION: Without the aid of the references, and in a field or garrison environment.

STANDARD: To describe and understand the layers in correct sequence of both the OSI and TCP/IP, in performance step order.

PERFORMANCE STEPS:
1. Identify the 7 layers of the OSI model.
2. Identify the 5 layers of the TCP/IP model.

REFERENCES:
1. Introduction to Internet, Cisco Universal CD
2. TCP/IP Network Administration, O'Reilly Publishing

2651-SYSA-1009 Perform IP addressing and sub-netting

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: To configure TCP/IP correctly, it is necessary to understand how TCP/IP networks are addressed and divided into networks and sub-networks.

BILLET: System Administrator

GRADE: PVT, PFC, LCPL, CPL, SGT, SSGT GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of references, given an IP address range and subnet mask, and in a field or garrison environment.

STANDARD: To determine which network/sub-network the IP's reside in, and what host they are within that network/sub-network, in performance step sequence.

PERFORMANCE STEPS:
1. Identify the different classes of IP addresses.
2. Identify the reserved IP addresses.
3. Identify the relationship between IP and MAC addresses.
4. Convert values from binary to decimal.
5. Convert values from binary to hexadecimal.
6. Convert values from decimal to hexadecimal.

REFERENCES:
1. Cisco Document 13788, Cisco Universal CD
2. RFC 1918
3. TCP/IP Network Administration, O'Reilly Publishing

2651-SYSA-1010 Install switches on a network

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: Switching is a technology that alleviates congestion in Ethernet, Token Ring, and Fiber Distributed Data Interface (FDDI) LANs by reducing traffic and increasing bandwidth. Such switches, known as LAN switches, are designed to work with existing cable infrastructures so that they can be installed with minimal disruption of existing networks. Often, they replace shared hubs. Switches are a basic component of the network a Marine will find in both a Garrison and a Tactical Environment. Understanding the basic concepts is essential for proper employment of these devices.

BILLET: SI Communicator, System Administrator

GRADE: PVT, PFC, LCPL, CPL, SGT, SSGT

INITIAL TRAINING SETTINGS: MOJT

CONDITION: With the aid of references, in a field or garrison environment.

STANDARD: To alleviate congestion in Ethernet, Token Ring, and Fiber Distributed Data Interface (FDDI) LANs, in performance step sequence.

PERFORMANCE STEPS:
1. Identify nodes on a network.
2. Determine number of switches.
3. Install switches on a network.

REFERENCES:
1. Cisco LAN Switching, Cisco Press
2. Network Infrastructure STIG - DISA

2651-SYSA-1011 Identify network topologies

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: Every network has a "shape" which is normally referred to as its topology. There are five major topologies in use today: Bus, Ring, Star, Tree, and Mesh. Each is used for specific network types, although some network types can use more than one topology. For example, Ethernet networks can be laid out in a Bus, Star, or Tree topology, or any combination of the three. Token ring is physically laid out in a Star, but electrically behaves like a Ring. To properly understand each network type requires first understanding the basic topologies.

BILLET: SI Communicator, System Administrator

GRADE: PVT, PFC, LCPL, CPL, SGT, SSGT

INITIAL TRAINING SETTINGS: MOJT

CONDITION: Without the aid of references, in a field or garrison environment.

STANDARD: To differentiate one network topology from another, in accordance with the performance step sequence.

PERFORMANCE STEPS:
1. Identify physical network topologies.
2. Identify logical network topologies.
3. Determine the preferred network topology.

REFERENCES:
1. Cisco Network Topology and Design, Cisco Press

2. TCP/IP Network Administration, O'Reilly Publishing

2651-SYSA-1012 Identify Ethernet ARP and MAC resolutions

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: All networking using ETHERNET is performed using a MAC (Media Access Control) address. IP addresses are translated to MAC addresses using a special table within the networking software called the `ARP cache'. When a MAC address is not in the cache, then an ARP request is generated to all connected hosts. In order to properly troubleshoot network problems, an individual must be familiar with the concepts of ARP resolutions.

BILLET: SI Communicator, System Administrator

GRADE: PVT, PFC, LCPL, CPL, SGT, SSGT

INITIAL TRAINING SETTINGS: MOJT

CONDITION: Without the aid of references, given access to a networked computer that utilizes TCP/IP, and Ethernet based system and in a field or garrison environment.

STANDARD: In performance step sequence, without error, in the time allotted by the commanding officer.

PERFORMANCE STEPS:
1. Identify an ARP cache.
2. Identify the contents of a MAC header.
3. Identify an ARP request.
4. Identify the commonality between a MAC address and an IP address.
5. Troubleshoot.

REFERENCES:
1. RFC 1122 & RFC 1123
2. TCP/IP Network Administration, O'Reilly Publishing

2651-SYSA-1013 Employ network address translation (NAT)

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: Network Address Translation is a standard means for assigning public and private IP addresses to networks managed in both garrison and the field. In order to set up a network, an individual must have a basic understanding of NAT.

BILLET: SI Communicator, System Administrator

GRADE: PVT, PFC, LCPL, CPL, SGT, SSGT

INITIAL TRAINING SETTINGS: MOJT

CONDITION: Without the aid of references, in a field or garrison environment.

STANDARD: To set up a network, in accordance with the local standard operating procedures, and in performance step sequence.

PERFORMANCE STEPS:
1. Identify NAT.
2. Identify private and public IP address ranges.
3. Implement NAT.

REFERENCES:
1. RFC 2663
2. TCP/IP Network Administration, O'Reilly Publishing

2651-SYSA-1014 Perform system backup and recovery procedures

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: Standard Information Technology practices dictate that backup and recovery be utilized within a computer enterprise. Understanding the procedures that are required to properly backup and recover information is essential.

BILLET: System Administrator

GRADE: PVT, PFC, LCPL, CPL, SGT, SSGT

INITIAL TRAINING SETTINGS: MOJT

CONDITION: With the aid of references, given hardware, software, and in a field or garrison environment.

STANDARD: To complete back-up of the system, state and date of the computer while minimizing the network interruption, in the time allotted by the commander.

PERFORMANCE STEPS:
1. Identify backup hardware.
2. Identify backup software.
3. Identify the different types of system backups.
4. Backup media.

REFERENCES:
1. Implementing Backup and Recovery: The Readiness Guide for the Enterprise
2. OS Server Administration manual

2651-SYSA-1015 Implement computer security

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: Defending the DoD networks from unauthorized intrusion or inadvertent misuse is the duty of all personnel who administer or use information technology. It is of paramount importance that personnel who are responsible for the administration of computers and network be well grounded in the concepts of computer security.

BILLET: System Administrator

GRADE: PVT, PFC, LCPL, CPL, SGT, SSGT

INITIAL TRAINING SETTINGS: MOJT

CONDITION: Without the aid of references, in a field or garrison environment.

STANDARD: To protect a network from any intrusion, in accordance with the commander's intent.

PERFORMANCE STEPS:
1. Identify internal threats.
2. Identify external threats.

REFERENCES:
1. Computer Security Basics, O'Reilly Publishing
2. DCID 6/3
3. DODISS 5329-26 Joint DODISS/Cryptologic SCI Information Security Standard
4. NAVSECGRUINST S2501 Special Security Communications Manual
5. NSA/CSS Manual 130-2

2651-SYSA-1016 Conduct computer configuration management

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: Many computer systems that are used within the SIGINT community contain sensitive information. Their use and continued connection to national networks or databases is contingent on their continued adherence to specifications laid out in various "Approval To Operate" orders. These order require only certain applications and services be used within that system. Therefore it is important that an administrator be familiar with the concepts of configuration management to ensure that these systems continue to meet required guidelines.
BILLET: System Administrator

GRADE: PVT, PFC, LCPL, CPL, SGT, SSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: Without the aid of references, in a field or garrison environment.

STANDARD: In performance step sequence, according the guidance of the System's Authority to Operate, in the time allotted by the commanding officer.

PERFORMANCE STEPS:
1. Identify configuration standards.
2. Implement standards.

REFERENCES:
1. Computer Security Basics, O'Reilly Publishing
2. Configuration Management Principles and Practice

2651-SYSA-1017 Identify domain name system structure

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: DNS is used to translate between domain names and IP addresses, and to control among other things, Internet email delivery. Most Internet services rely on DNS to work. DNS is used regularly within the USMC and DoD for computer networks. An administrator should have a firm understanding of DNS and how DNS works.

BILLET: System Administrator

GRADE: PVT, PFC, LCPL, CPL, SGT, SSGT

INITIAL TRAINING SETTINGS: MOJT

CONDITION: Without the aid of references, in a field or garrison environment.

STANDARD: To get server conductivity, in performance step order, and in the time allotted by the commanding officer.

PERFORMANCE STEPS:
1. Identify the domain name system (DNS).
2. Identify the hierarchical organization of the DNS.
3. Ensure domain name matches IP address.

REFERENCES:
1. DNS and BIND, O'Reilly Publishing
2. RFC 1034 & RFC 1035
3. OS Server Manual

2651-SYSA-1018 Identify common data link technologies

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: Comprehend and distinguish between technologies such as HDLC, Ethernet, PPP, TCP/IP, ATM, and Frame Relay.

BILLET: System Administrator

GRADE: PVT, PFC, LCPL, CPL, SGT, SSGT

INITIAL TRAINING SETTINGS: MOJT

CONDITION: With the aid of references, in a field or garrison environment.

STANDARD: To implement various LAN technologies, to improve network traffic and security, in the time allotted by the commanding officer.

PERFORMANCE STEPS:
1. Implement the data-link layer protocols used in local area networks.
2. Implement the data-link layer protocols used in Wide Area Network links.

REFERENCES:
1. Introduction to Internet, Cisco Universal CD
2. OSI Reference Model

2651-SYSA-1019 Utilize various network devices

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: An administrator will be expected to know the use and differences of various network components such as Routers, Switches, Bridges, Hubs, Firewalls, Monitoring Devices, and IDS.

BILLET: System Administrator

GRADE: PVT, PFC, LCPL, CPL, SGT, SSGT

INITIAL TRAINING SETTINGS: MOJT

CONDITION: Without the aid of reference, in a field or garrison environment.

STANDARD: To establish a functional network, in the time allotted by the commanding officer, and in performance step order.

PERFORMANCE STEPS:
1. Plan network topology.
2. Configure network devices.
3. Monitor for optimization.

REFERENCE:
1. Networking Components and Devices, Bird and Harwood

2651-SYSA-1020 Perform installation of computer operating systems

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: In order to perform the basic functions of a systems administrator, an individual must have the ability to install a basic operating system.

BILLET: System Administrator

GRADE: PVT, PFC, LCPL, CPL, SGT, SSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of references, given hardware, software, access to a computer, and in a field or garrison environment.

STANDARD: In performance step order, in accordance to system manual, and in the time allotted by the commanding officer.

PERFORMANCE STEPS:
1. Identify hardware requirements for OS installation.
2. Install required OS.
3. Install service packs for OS.

REFERENCES:
1. System Operator's Manual
2. UNIX STIG - DISA
3. Windows 2000 Security Checklist - DISA

2651-SYSA-1021 Perform installation of software applications

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: In order to perform the basic function of a systems administrator, an individual must be able to install various software applications.
BILLET: System Administrator

GRADE: PVT, PFC, LCPL, CPL, SGT, SSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of references, given hardware, software, access to a computer, and in a field or garrison environment.

STANDARD: In performance step order, to manufacture's specifications, in the time allotted by the commander.

PERFORMANCE STEPS:
1. Identify software requirements.
2. Install computer software applications.

REFERENCES:
1. Desktop Applications STIG - DISA
2. UNIX STIG - DISA
3. Windows 2000 Security Checklist - DISA

2651-SYSA-1022 Manage user accounts

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: Creating and administering user accounts is a basic task expected of a system administrator.

BILLET: System Administrator

GRADE: PVT, PFC, LCPL, CPL, SGT, SSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of references, given hardware, software, appropriate user information, access to a computer, and in a field or garrison environment.

STANDARD: So all authorized users have accounts on a system, in accordance with the commander's intent.

PERFORMANCE STEPS:
1. Identify the difference between local and domain user accounts.
2. Administer user accounts.

REFERENCES:
1. Active Directory, O'Reilly Publishing
2. Appropriate DISA STIG Manual
3. Essential System Administration, O'Reilly Publishing

2651-SYSA-1023 Manage computer groups, files, and folders

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: Creating and administering user groups, files and folders is a basic task expected of a system administrator.

BILLET: SI Communicator, System Administrator

GRADE: PVT, PFC, LCPL, CPL, SGT, SSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of references, given hardware, software, access to a computer, and in a field or garrison environment.

STANDARD: To create groups, files, and folders, in performance step order, and in accordance with the commander's intent.

PERFORMANCE STEPS:
1. Describe the various permissions that are assigned to groups, files, and folders.
2. Create user accounts.
3. Administer user accounts.
4. Create group accounts.
5. Administer group accounts.
6. Create files and folders.
7. Administer files and folders.

REFERENCES:
1. Applicable software User and Reference Guide
2. System Operator's Manual
3. Windows 2000 Administration in a Nutshell, O'Reilly Publishing
4. Windows 2000 Security Checklist - DISA

2651-SYSA-1024 Install a network printer

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: The individual will install a printer on a network, and configure it for multi-user access.

BILLET: SI Communicator, System Administrator

GRADE: PVT, PFC, LCPL, CPL, SGT, SSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of references, given hardware, software, access to a computer, and in a field or garrison environment.

STANDARD: To allow users to print a document, in accordance with the system manual, and in the time allotted by the commanding officer.

PERFORMANCE STEPS:
1. Install a network printer.
2. Set permissions for a network printer.
3. Share a network printer.

REFERENCES:
1. Network Infrastructure STIG - DISA
2. Network Printing, O'Reilly Publishing
3. System Operator's Manual

2651-SYSA-1025 Implement remote access

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: The individual will understand Routing and Remote Access Service (RRAS) service, and remote access policies. Understand Remote Authentication Dial-In User Service (RADIUS), Internet Authentication Service (IAS), and certificate services.

BILLET: System Administrator

GRADE: PVT, PFC, LCPL, CPL, SGT, SSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of references, in a field or garrison environment.

STANDARD: To employ RRAS within the network, in performance step order, in the time allotted by the commanding officer.

PERFORMANCE STEPS:
1. Identify the required equipment and software.
2. Configure clients for remote access.
3. Configure IAS on OS platform.
4. Configure RADIUS.
5. Identify security implications of remote access.

REFERENCES:
1. RADIUS, O'Reilly Publishing
2. Secure Remote Computing STIG - DISA

2651-SYSA-1026 Implement IPSEC and virtual private networks

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: Understand the IPSec mechanism and what it provides. Understand the function, use, limitations and different types of Virtual Private Networks.

BILLET: System Administrator

GRADE: PVT, PFC, LCPL, CPL, SGT, SSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of references, in a field or garrison environment.

STANDARD: To set-up a virtual private network, in the time allotted by the commanding officer.

PERFORMANCE STEPS:
1. Plan virtual private network.
2. Configure virtual private network.
3. Manage virtual private network.

REFERENCES:
1. IPSec, VPN, and Firewall Concepts, Cisco Universal CD
2. Virtual Private Networks, O'Reilly Publishing

2651-SYSA-1027 Implement dynamic host configuration control protocol (DHCP)

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: The Dynamic Host Configuration Protocol (DHCP) provides a way to automate and manage the network configuration of desktop computers and other network devices that use the TCP/IP protocol. The administrator must know the concepts and use of DHCP in a networked environment.

BILLET: System Administrator

GRADE: PVT, PFC, LCPL, CPL, SGT, SSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of references, in a field or garrison environment.

STANDARD: To manage a network using the Dynamic Host Configuration Protocol (DHCP) in the time allotted by the commanding officer.

PERFORMANCE STEPS:
1. Plan implementation.
2. Configure dynamic host configuration protocol.
3. Manage dynamic host configuration protocol.

REFERENCES:
1. DHCP for Windows 2000, O'Reilly Publishing
2. RFC2131
3. RFC2132

2651-SYSA-1028 Manage active directory

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: The Active Directory® service is a central component of the Windows® 2000 operating system platform and is the standard method for administering group and user policies within the DoD. Understanding the concepts of AD is a basic function of a system administrator.

BILLET: System Administrator

GRADE: PVT, PFC, LCPL, CPL, SGT, SSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: Without the aid of references, in a field or garrison environment.

STANDARD: To administer user, group and computer accounts for the domain, in performance step order.

PERFORMANCE STEPS:
1. Identify Active Directory objects.
2. Install Active Directory for a domain.
3. Administer group policy within Active Directory.
4. Create global catalog within Active Directory.
5. Describe FSMO roles with in Active Directory.

REFERENCES:
1. Active Directory, O'Reilly Publishing
2. Windows 2000 Administration, O'Reilly Publishing

2651-SYSA-1029 Implement auditing

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: Auditing and logging are primary tools for the isolation of computer and network problems and for ensuring system security and integrity. All administrators must be familiar with and understand how to read and use auditing and logs.

BILLET: SI Communicator, System Administrator

GRADE: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: Without the aid of references, in a field or garrison environment.

STANDARD: To maintain system security, in performance step order.

PERFORMANCE STEPS:
1. Configure auditing software.
2. Monitor auditing.

REFERENCES:
1. Computer Security Basics, O'Reilly Publishing
2. System Administration, O'Reilly Publishing
3. Windows 2000 Administration, O'Reilly Publishing
4. DCID 6/3
5. NSA/CSS Manual 130-2

2651-SYSA-1030 Implement access control lists

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: Access lists filter network traffic by controlling whether routed packets are forwarded or blocked at the router's interfaces. Access lists also provide a basic level of security for accessing your network. To help ensure network security, an individual must understand Access Lists.

BILLET: SI Communicator, System Administrator

GRADE: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: Without the aid of reference, in a field or garrison environment.

STANDARD: To filter communications, in accordance with the commander's intent.

PERFORMANCE STEPS:
1. Plan access control lists.

2. Configure access control lists.
3. Monitor access control lists.

REFERENCE:
1. Cisco IOS Access Lists, O'Reilly Publishing

2651-SYSA-1031 Configure routing tables

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: The ability to understand routing tables is central to a network administrator's ability to manage a network and to connect to a larger LAN/WAN in order to effectively support SIGINT operations.

BILLET: SI Communicator, System Administrator

GRADE: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of references, in a field or garrison environment.

STANDARD: To manage a routing table in accordance with the commander's intent.

PERFORMANCE STEPS:
1. Plan network routes.
2. Configure routing statements.
3. Manage routing tables.

REFERENCES:
1. IP Routing Primer, Cisco Press
2. IP Routing, O'Reilly Publishing

2651-SYSA-1032 Employ intrusion detection systems (IDS)

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: An Intrusion Detection System (IDS) is a system for detecting intrusions. Using methods such as statistical, signature or anomaly based, an IDS can alert an administrator to possible security breeches of a system or network.

BILLET: SI Communicator, System Administrator

GRADE: PVT, PFC, LCPL, CPL, SGT, SSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: Without the aid of references, in a field or garrison environment.

STANDARD: To identify all unauthorized intrusions, in performance step order.

PERFORMANCE STEPS:
1. Configure intrusion detection systems.
2. Manage intrusion detection systems.

REFERENCE:
1. Network Intrusion Detection, Stephen Northcutt

2651-SYSA-1033 Connect local and wide area networks

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: In order to provide access from a local network such as a unit TDN to a larger entity such as a national intelligence database, a network administrator must be able to link the various networks together.

BILLET: SI Communicator, System Administrator

GRADE: PVT, PFC, LCPL, CPL, SGT, SSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of references, given hardware, software, and in a field or garrison environment.

STANDARD: To access remote assets in performance step order, in the time allotted by the commander.

PERFORMANCE STEPS:
1. Define area networks.
2. Identify data link layer protocols used for wan links on a router.
3. Connect a LAN to a WAN to access remote assets.

REFERENCES:
1. Network Infrastructure STIG - DISA
2. System Operator's Manual

2651-SYSA-1034 Connect an operating system platform to a network

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: The USMC standard operating system is Windows. Many intelligence applications such as C2PC use Windows based computers. Many SIGINT systems are built upon the Unix operating system. A system administrator must be able to connect that computer to the larger network.
BILLET: System Administrator

GRADE: PVT, PFC, LCPL, CPL, SGT, SSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of references, given hardware, software, access to a computer, and in a field or garrison environment.

STANDARD: In performance step order, in the time allotted by the commander.

PERFORMANCE STEPS:
1. Identify what is required to add a windows platform to an exiting network.
2. Identify what is required to add a UNIX platform to an exiting network.
3. Add a platform to an existing network.

REFERENCES:
1. Network Infrastructure STIG - DISA
2. Windows 2000 - DISA STIG
3. Windows 2000 Administration, O'Reilly Publishing
4. Essential System Administration, O'Reilly Publishing
5. Unix in a Nutshell, O'Reilly Publishing

2651-SYSA-1035 Implement Information Assurance Vulnerability Alerts (IAVA) policy

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: The IAVA process is intended to provide a means of obtaining positive control down to the system asset level. Through DISA, IAVA is the vehicle for implementing and managing vulnerability notices and reporting statistics. All personnel who have a responsibility for a computer system or network are responsible for complying with the various IAVA alerts and directives.

BILLET: SI Communicator, System Administrator

GRADE: PVT, PFC, LCPL, CPL, SGT, SSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: Without the aid of references, in a field or garrison environment.

STANDARD: To comply with IAVA policy, in performance step order.

PERFORMANCE STEPS:
1. Perform required administrative functions for virus detection software.
2. Conduct security policy update.

REFERENCES:
1. DCID 6/3
2. Joint DODIIS/Cryptologic SCI Information Security Standard
3. Information Assurance publication 5239-26
4. NSA/CSS manual 130-2
5. Applicable DOD CERT Directive

6. Applicable USMC Policy Directive

2651-SYSA-1036 Prepare computer and peripheral devices for operations

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: In order to properly support a SIGINT operation, the individual responsible must be able to prepare the given computers and peripherals for use during the operation.

BILLET: SI Communicator, System Administrator

GRADE: PVT, PFC, LCPL, CPL, SGT, SSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: Without the aid of references, given a mission order, appropriate hardware, software, and in a field or garrison environment.

STANDARD: In performance step order, in the time allotted by the commanding officer.

PERFORMANCE STEPS:
1. Connect terminal equipment to a network.
2. Install appropriate software on terminal equipment.
3. Configure terminal equipment for operations.

REFERENCES:
1. Appropriate Hardware System User's Manual
2. System Operator's Manual
3. Site/System SSP/SSAA

2651-SYSA-1037 Perform preventive maintenance (PM) on computer systems and peripheral devices

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: The proper care of assigned equipment is a basic task of all Marines.

BILLET: SI Communicator, System Administrator

GRADE: PVT, PFC, LCPL, CPL, SGT, SSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of references, given hardware and other tools necessary to perform preventive maintenance, and in a field or garrison environment.

STANDARD: In performance step order, in the allotted time by the commanding officer.

PERFORMANCE STEPS:
1. Identify PM procedures.
2. Perform PM on terminal equipment.

REFERENCES:
1. Appropriate Hardware System User's Manual
2. System Operator's Manual

2651-SYSA-1038 Connect network devices to communications systems

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: Many times, a network administrator will be expected to connect their network equipment to various pieces of data communications devices in order to connect to a larger network or in order to complete a circuit. This is especially true for SIGINT operations in which the next router hop may be a theater or national network.

BILLET: SI Communicator, System Administrator

GRADE: PVT, PFC, LCPL, CPL, SGT, SSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of references, given a mission order, the appropriate hardware, cable connections, documentation, provided with communications systems such as JMICS or Trojan spirit, and in a field or garrison environment.

STANDARD: In order to communicate with its remote peer device, successfully accessing the larger network in performance step order, in the time allotted by the commander.

PERFORMANCE STEPS:
1. Connect computers and peripheral devices to a network.
2. Connect network devices to communication systems.
3. Connect LAN to a WAN.

REFERENCES:
1. Appropriate Hardware System User's Manual
2. System Operator's Manual

2651-SYSA-1039 Connect network devices to terminal equipment

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: When directed, an administrator will connect terminal equipment to the larger network.

BILLET: SI Communicator, System Administrator

GRADE: PVT, PFC, LCPL, CPL, SGT, SSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of references, given a mission order, the appropriate hardware, software, documentation, and in a field or garrison environment.

STANDARD: To identify all the required cabling, in performance step order, and in the time allotted by the commanding officer.

PERFORMANCE STEPS:
1. Connect computer systems to a LAN.
2. Connect peripheral devices to a LAN.

REFERENCES:
1. Appropriate Hardware System User's Manual
2. System Operator's Manual

2651-SYSA-1040 Manage network switches

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: In order to provide multiple computers access to the network, switches are utilized. The administrator must be able to properly configure the switch for use on the network to include the assignment of Virtual LANs (VLANS) and the correct routing algorithm.

BILLET: SI Communicator, System Administrator

GRADE: PVT, PFC, LCPL, CPL, SGT, SSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of references, given a mission order, the appropriate hardware, documentation, and in a field or garrison environment.

STANDARD: To configure a standard network switch to operate on a local area network in the time allotted by the commanding officer.

PERFORMANCE STEPS:
1. Describe how a switch works in a LAN environment.
2. Utilize hyper terminal to configure a switch for a LAN environment.
3. Configure a switch in a LAN environment.

REFERENCES:
1. Appropriate Hardware System User's Manual
2. Network Infrastructure STIG - DISA
3. System Operator's Manual

2651-SYSA-1041 Administer active directory on a network

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: The Active Directory service is a central component of the Windows® 2000 operating system platform and is the standard method for administering group and user policies within the DoD. Installing and administering AD is a basic function of a system administrator.

BILLET: SI Communicator, System Administrator

GRADE: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: Without the aid of references, given a mission order, appropriate dissemination and intelligence systems requirements, documentation, the required SCI and GENSER LAN/WAN circuits, the required architecture, and in a field or garrison environment.

STANDARD: To assign user/group accounts, maintaining group and domain wide policies, in accordance with the commander's intent.

PERFORMANCE STEPS:
1. Install Active Directory on a network.
2. Administer Active Directory on a network.

REFERENCES:
1. Active Directory, O'Reilly Publishing
2. NSA Secure Configuration Guidelines - Win2000 Active Directory
3. Windows 2000 Security Checklist - DISA

2651-SYSA-1042 Administer DNS on a computer

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: DNS is used to translate between domain names and IP addresses, and to control among other things, Internet email delivery. Most Internet services rely on DNS to work. DNS is used regularly within the USMC and DoD for computer networks. An administrator should be able to install and administer DNS to include the creation and modification of host and reverse host records, and the administration of master and slave domain servers.

BILLET: System Administrator

GRADE: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: Without the aid of references, given a mission order, appropriate dissemination and intelligence systems requirements, documentation, the required SCI and GENSER LAN/WAN circuits, the required architecture, and in a field or garrison environment.

STANDARD: To conduct DNS functions, modify DNS configuration files, administer master and slave DNS servers, in performance step sequence.

PERFORMANCE STEPS:
1. Describe BIND.
2. Install DNS.
3. Edit configuration files for DNS.
4. Describe DNS components on different OS platforms.
5. Conduct system administrator functions for DNS on OS platform.

REFERENCES:
1. Domain Name System STIG - DISA
2. Understanding DNS and BIND, O'Reilly Publishing

2651-SYSA-1043 Administer a mail server

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: It is essential for a systems Administrator be able to administer Microsoft Exchange Server software, mail accounts, group addresses and other associated tasks. Since some SCI systems continue to be Unix based, the Administrator must be familiar with and be able to manage other mail software such as Send mail.

BILLET: System Administrator

GRADE: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: Without the aid of references, given a mission order, the appropriate dissemination and intelligence systems, messaging requirements, documentation, the required SCI and GENSER LAN/WAN circuits, the required architecture, and in a field or garrison environment.

STANDARD: To maintain user/group accounts, and connect to peer mail servers, in performance step sequence.

PERFORMANCE STEPS:

1. Identify hardware and software requirements needed to configure a computer as a mail server.
2. Install Microsoft Exchange Server, UNIX mail server, or current OS platform.
3. Administer platform.
4. Update software.

REFERENCES:
1. LDAP System Administration, O'Reilly Publishing
2. Securing Windows NT/2000 Servers for the Internet, O'Reilly Publishing
3. Send mail, O'Reilly Publishing
4. Windows 2000 Security Checklist - DISA

2651-SYSA-1044 Administer routing tables

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: The ability to apply and administer routing tables is central to a network administrator's ability to manage a network and to connect to a larger LAN/WAN in order to effectively support SIGINT operations.

BILLET: System Administrator

GRADE: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: Without the aid of references, given network documentation, hardware and software, and in a field or garrison environment.

STANDARD: To maintain routing tables on a router as directed in performance step sequence.

PERFORMANCE STEPS:
1. Define Internet Protocol (IP).
2. Configure static routes.
3. Implement dynamic routing.

REFERENCES:
1. Cisco Cookbook, O'Reilly Publishing
2. Cisco IOS in a Nutshell, O'Reilly Publishing
3. Hardening Cisco Routers, O'Reilly Publishing
4. IP Routing Primer, Cisco Press
5. Managing IP Networks with Cisco Routers, O'Reilly Publishing

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2651-SYSA-1045 Implement MAGTF level communications plan

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: The individual must be able to describe MAGTF communication architecture for communications requirements.

BILLET: SI Communicator, System Administrator

GRADE: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: Without the aid of references, in a field or garrison environment.

STANDARD: To ensure communications across various levels of the MAGTF, within the time allotted by the commanding officer.

PERFORMANCE STEPS:
1. Identify MAGTF communications architecture.

2. Identify communication units in a MAGTF.
3. Create an SCI communication network diagram.

REFERENCES:
1. MCWP 2-15.2 Signal Intelligence
2. MCWP 6-22 Communications and Information Systems

2651-TCOM-1046 Establish a tactical radio communications network

EVALUATION CODED (E-CODE): YES **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: The individual must be familiar with how to establish a tactical radio communications network.

BILLET: SI Communicator

GRADE: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of references, given communications plan, radio communication equipment, operating area, and in a field or garrison environment.

STANDARD: To communicate with other units, in the time allotted by the commanding officer, and in accordance with the communications plan.

PERFORMANCE STEPS:
1. Identify terrain effects on electronic emissions.
2. Identify C2 requirements.
3. Identify organic radio equipment.
4. Determine equipment shortfalls.
5. Establish network.

REFERENCES:
1. MCI 25.15 Antenna Construction and Propagation of Radio Waves
2. MCRP 6-22C Radio Operators Handbook
3. MCWP 6-22 Communications and Information Systems
4. Local SOP
5. Equipment Users Guide
6. SLM-3650 Satellite Modem Installation and Operations Manual
7. MCI 25.15, Antenna Construction and Radio Wave Propagation
8. MCRP 3-40.3C Field Antenna Handbook
9. NWP 4 Basic Operational Communications Doctrine

2651-TCOM-1047 Utilize analog and digital signals communications

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: Understand and define the limitations and capabilities analog and digital communications.

BILLET: SI Communicator

GRADE: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: Without the aid of references, in a field or garrison environment.

STANDARD: To establish communications, in the time allotted by the commanding officer, and in accordance with the references.

PERFORMANCE STEPS:
1. Evaluate analog signal.
2. Evaluate digital signal.
3. Determine signal requirements.
4. Implement required signal.

REFERENCES:
1. Appropriate Technical Manuals
2. MCI 25.15G Antenna Construction and Propagation of Radio Waves
3. MCRP 3-40.3C Field Antenna Handbook
4. MCRP 6-22C Radio Operators Handbook

2651-TCOM-1048 Illustrate signal flow

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: Understand how a communications signal goes from one end of a circuit to the other end of the circuit and how the signal is affected by the associated equipment that traverses to get to the end point.

BILLET: SI Communicator, System Administrator

GRADE: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: Without the aid of references, given a schematic diagram that shows the communications circuit path, and in a field or garrison environment.

STANDARD: To identify the flow of the signal through communications equipment, performance step order.

PERFORMANCE STEPS:
1. Define a full duplex circuit.
2. Define a half duplex circuit.
3. Construct a block diagram of the circuit path.
4. Identify the connections and the equipment circuit path.

REFERENCES:
1. Appropriate Local Standard Operating Procedure Station working aids

2. MCI 25.15G Antenna Construction and Propagation of Radio Waves
3. Appropriate Technical Manuals

2651-TCOM-1049 Operate a multimeter

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: A multimeter is used to test and troubleshoot electronic signals, test voltage, amperage and continuity.

BILLET: SI Communicator, System Administrator

GRADE: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: Without the aid of reference, given proper safety equipment, safety briefs, a multimeter, a standard RS-232/EIA-530 communications cable, and in a field or garrison environment.

STANDARD: To verify cable pinouts meet standards, in the time allotted by the commander.

PERFORMANCE STEPS:
1. Identify the pinouts of equipment.
2. Identify the various functions of a multimeter.
3. Utilize a multimeter to test communications cables.

REFERENCE:
1. Appropriate Technical Manuals

2651-TCOM-1050 Construct various types of field expedient antennas

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: Standard USMC antennas are not always available for use nor are they always desirable for use.

BILLET: SI Communicator

GRADE: PVT, PFC, LCPL, CPL

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: Without the aid of references, given a HF or VHF frequency to be used, a length of USMC standard field wire, material for a resistor, appropriate radio cables and connectors, a desired direction, the distance the signal will travel, and in a field or garrison environment.

STANDARD: To maintain communication in the absence of an issued antenna, in the time allotted by the commander.

PERFORMANCE STEPS:
1. Use the formula for antenna length of a quarter wave, half wave, and full wave to calculate antenna length.
2. Use technical and tactical requirements of site selection for field expedient antennas to select site.
3. Select the equipment that is required in a field expedient antenna kit.
4. Select antenna expedient designs such as vertical, half rhombic, long wire, v, sloping v, and yaggi.

REFERENCES:
1. MCI 25.15 Antenna Construction and Radio Wave Propagation
2. MCRP 6-22C Radio Operators Handbook
3. TM 11-666 Antennas and Radio Propagation

2651-TCOM-1051 Troubleshoot communications networks

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: Troubleshoot communications networks during operations.

BILLET: SI Communicator, System Administrator

GRADE: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of references, given a mission order, communication networks, proper test equipment, and in a field or garrison environment.

STANDARD: To repair damaged communications equipment in the time allotted by the commanding officer.

PERFORMANCE STEPS:
1. Design a communications network to include its components and signal flow.
2. Operate test equipment.
3. Identify the golden rules of troubleshooting.
4. Resolve a fault in a network.

REFERENCES:
1. Appropriate Local Standard Operating Procedure
2. Appropriate Technical Manuals

2651-TCOM-1052 Transmit voice and data message traffic

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: Transmit voice and data message traffic during operations.

BILLET: SI Communicator

GRADE: PVT, PFC, LCPL, CPL

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of references, given a mission and tactical communications network, and in a field or garrison environment.

STANDARD: To send message traffic using tactical communications, in the time allotted by the commander.

PERFORMANCE STEPS:
1. Utilize the phonetic equivalent of all letters of the alphabet.
2. Convert local time to zulu time.
3. Convert zulu time to local time.
4. Identify the types of pro-words.
5. State the definition of a call sign.
6. Identify the types of call signs.
7. Identify communication calls.
8. Identify radio networks.
9. Identify rules of circuit discipline.
10. Identify the duties of net control.
11. Record radio transmissions.
12. List the message precedence's.
13. List the parts of a tactical field message.
14. Copy a tactical field message
15. Draft a tactical field message.

REFERENCES:
1. Appropriate Local Standard Operating Procedure
2. MCRP 6-22C Radio Operators Handbook
3. MCRP 3-40.3C Field Antenna Handbook
4. MCI 2515G Antenna Construction and Propagation of Radio Waves

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2651-TCOM-1053 Receive voice and data message traffic

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: Receive voice and data communications during operations.

BILLET: SI Communicator

GRADE: PVT, PFC, LCPL, CPL

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of references, given a mission and tactical communications network, and in a field or garrison environment.

STANDARD: To obtain message traffic, using tactical communications from supporting elements and/or outstations, in performance step sequence.

PERFORMANCE STEPS:
1. Convert local time to Zulu time.

2. Convert Zulu time to local time.
3. Record radio transmissions.
4. List the message precedence.
5. List the parts of a tactical field message.
6. Copy a tactical field message.

REFERENCES:
1. Appropriate Local Standard Operating Procedure
2. MCRP 6-22C Radio Operators Handbook
3. MCRP 3-40.3C Field Antenna Handbook
4. MCI 2515G Antenna Construction and Propagation of Radio Waves

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2651-TCOM-1054 Identify unauthorized disclosure of information by radio

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: Identify unauthorized disclosure of information by tactical communications during operations.

BILLET: SI Communicator, SSO

GRADE: PVT, PFC, LCPL, CPL

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of references, given a mission and tactical communications network, and in a field or garrison environment.

STANDARD: In order to report unauthorized disclosure of information, in the time allotted by the commanding officer, and in accordance with the references.

PERFORMANCE STEPS:
1. Identify the security components of a radio transmission.
2. Identify the requirements for handling classified material.
3. Recognize compromise.

REFERENCES:
1. Appropriate Local Standard Operating Procedure
2. MCRP 6-22C Radio Operators Handbook

2651-TCOM-1055 Employ encryption/decryption authentication sheets

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: Employ encryption/decryption authentication sheets during operations.

BILLET: SI Communicator

GRADE: PVT, PFC, LCPL, CPL

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of references, given a mission, proper equipment, authentication sheet, and in a field or garrison environment.

STANDARD: To utilize authentication sheets, over an unencrypted radio network, in the time allotted by the commanding officer.

PERFORMANCE STEPS:
1. Acquire authentication sheets.
2. Employ an authentication sheet.
3. Brief the guidelines for the employment of authentication sheets.
4. Brief the different methods of authentication.

REFERENCES:
1. Appropriate Local Standard Operating Procedure
2. CMS-21 Communications Security Material System (CMS) Policy and Procedures

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2651-TCOM-1056 Perform first and second echelon maintenance on organic radio equipment

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: Perform first and second echelon maintenance on organic radio equipment in garrison or during operations.

BILLET: SI Communicator

GRADE: PVT, PFC, LCPL, CPL

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: Without the aid of references, given proper test and preventive maintenance (PM) equipment, radio equipment, and in a field or garrison environment.

STANDARD: To ensure proper functionality and reliable tactical communications during operations, in the time allotted by the commanding officer.

PERFORMANCE STEPS:
1. Identify PM equipment.
2. Perform PM.

REFERENCES:
1. Appropriate Local Standard Operating Procedure
2. Appropriate Technical Manuals

2651-TCOM-1057 Operate satellite communications equipment

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: Operate C, KU, and X band communications equipment ISO operations.

BILLET: SI Communicator

GRADE: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: Without the aid of references, given a mission order to provide data network communications connectivity between the supported unit and elements external to the MAGTF, appropriate communications requirements documentation, SATCOM equipment, and in a field or garrison environment.

STANDARD: To establish communications, in the time allotted by the commanding officer, and in performance step order.

PERFORMANCE STEPS:
1. Identify required SATCOM equipment.
2. Operate required satellite communications equipment.

REFERENCES:
1. Appropriate Local Standard Operating Procedure
2. Appropriate Technical Manuals

2651-TCOM-1058 Maintain secure voice over IP(VOIP) systems

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: The individual will install, configure, and maintain secure voice over IP (VOIP) telephony systems.

BILLET: System Administrator

GRADE: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of references, given a mission order to provide SCI secure voice communications connectivity between the supported unit and elements external to the MAGTF, the appropriate network and circuit documentation, VOIP equipment, and in a field or garrison environment.

STANDARD: To communicate over VOIP equipment, in performance step order.

PERFORMANCE STEPS:
1. Acquire the components of a VOIP phone.
2. Install VOIP phone.
3. Configure a VOIP phone.

REFERENCES:
1. Appropriate Local Standard Operating Procedure
2. Appropriate Technical Manuals

2651-TCOM-1059 Operate data test equipment

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: Configure and operate data test equipment.

BILLET: SI Communicator, System Administrator

GRADE: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of references, given appropriate system documentation, data test equipment, and in a field or garrison environment.

STANDARD: To provide timing for the conduct of circuit troubleshooting, in performance step order.

PERFORMANCE STEPS:
1. Identify a communications circuit.
2. Acquire data test equipment.
3. Conduct a Bit Error Rate Test (BERT) and a link test.

REFERENCES:
1. Appropriate Local Standard Operating Procedure
2. Appropriate Technical Manuals

2651-TCOM-1060 Troubleshoot data network communications systems

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: When communications circuits are degraded or disrupted, the individual must be able to determine the cause of the malfunction, isolate the cause of the malfunction, and repair or bypass the faulty element.

BILLET: SI Communicator, System Administrator

GRADE: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of references, given a circuit diagram, test equipment, and in a field or garrison environment.

STANDARD: To return the circuit to full operational capability in performance step order.

PERFORMANCE STEPS:
1. Identify a circuit.
2. Describe circuit flow.
3. Isolate a fault in a circuit.
4. Repair a fault in a circuit.

REFERENCES:
1. Appropriate Local Standard Operating Procedure
2. Appropriate Technical Manuals

2651-TCOM-1061 Prepare an equipment repair order (ERO)

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: Prepare Equipment Repair Order (ERO) in accordance with USMC standards to affect the repair of malfunctioning equipment.

BILLET: SI Communicator, System Administrator

GRADE: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: Without the aid of references, in a field or garrison environment.

STANDARD: To transfer malfunctioning equipment to higher level maintenance facility for repair, in the time allotted by the commanding officer.

PERFORMANCE STEPS:
1. Determine ERO requirements.
2. Complete ERO sheet.
3. Follow established maintenance procedures.

REFERENCES:
1. Appropriate Local Standard Operating Procedure
2. TM 4700-15/1 Equipment Record Procedures

2651-TCOM-1062 Troubleshoot voice communications system

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: When communications circuits are degraded or disrupted, the individual must be able to determine the cause of the malfunction, isolate the cause of the malfunction and repair or bypass the faulty element to restore communications to full operating capacity.

BILLET: SI Communicator

GRADE: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of references, given a circuit diagram, test equipment, and in a field or garrison environment.

STANDARD: To return the circuit to full operational capability, in performance step sequence.

PERFORMANCE STEPS:
1. Identify a voice circuit.
2. Describe signal flow in a voice circuit.
3. Isolate faults in a voice circuit.
4. Resolve faults in a voice circuit.

REFERENCES:
1. Appropriate Local Standard Operating Procedure
2. Appropriate Technical Manuals

2651-SCTY-1063 Mark classified material

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: The individual will properly mark classified material to ensure that classified material is properly safeguarded, and its distribution is limited to authorized personnel and communications channels.

BILLET: SI Communicator, System Administrator, SSO

GRADE: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of references, given access to classified material, and in a field or garrison environment.

STANDARD: To ensure classified material is easily identified, in performance step order, and in accordance with the references.

PERFORMANCE STEPS:
1. Select the most appropriate of the four classification levels.
2. Select the appropriate SF 700 series classification labels.
3. Place classification labels on media.
4. Place classification markings on documents.

REFERENCES:
1. SECNAVINST 5510.36 DON Information Security Program Regulation
2. DoD 5200.1-R Information Security Program

2651-SCTY-1064 Handle CMS material

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: The individual will ensure all personnel in the unit are familiar with the procedures governing the handling of CMS material, and that the materials distribution, usage, and destruction is handled safely and securely.

BILLET: SI Communicator, System Administrator, SSO

GRADE: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: Without the aid of references, given the requirement to conduct a SIGINT operation, the requirement to use CMS material, and in a field or garrison environment.

STANDARD: To protect CMS material against inadvertent loss, destruction, or compromise, in performance step sequence.

PERFORMANCE STEPS:
1. Enforce two person integrity.
2. Identify the accountability codes.
3. Enforce communications security (COMSEC).
4. Destroy CMS material.
5. Account for CMS material.

REFERENCES:
1. CMS-21A Communications Security Material System (CMS) Policy and Procedures
2. DODISS 5329-26 Joint DODISS/Cryptologic SCI Information Security Standard

9004. SIGINT 2000-LEVEL EVENTS

2651-CCTR-2001 Request assignment of Plain Language Addresses Designator (PLAD) and SIGINT addresses

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: PLAD's and SIGAD's are addresses used to route SCI messages from command to command.

BILLET: SI Communicator, SSO

GRADE: CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: MOJT

CONDITION: With the aid of references, given a higher mission order, in support of SIGINT operations for a given organization, and in a field or garrison environment.

STANDARD: To ensure all messages have the proper addresses, in the time allotted by the commanding officer.

PERFORMANCE STEPS:
1. Draft request.
2. Transmit request.

REFERENCES:
1. DOI 101 DSSCS Operating Instructions
2. DOI 102 DSSCS Operating Instructions
3. DOI-103 DSSCS Operating Instruction
4. NAVSECGRUINST S2501 Special Security Communications Manual

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2651-CCTR-2002 Request Add/Delete/Mod to DSSCS Address Group (DAG) or Collective Address Designator (CAD)

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: DAGs and CADs are collective distribution lists used for the dissemination of record message traffic to multiple addressees.

BILLET: SI Communicator, System Administrator

GRADE: CPL, SGT, SSGT, GYSGT

CONDITION: Without the aid of references, given a higher mission order, access to an SCI message distribution system, in support of SIGINT operations, and in a field or garrison environment.

STANDARD: So that all collective address untilized contain all the appropriate individual address, in the time allotted by the commanding officer.

PERFORMANCE STEPS:
1. Draft request.
2. Transmit request.

REFERENCES:
1. DOI 101 DSSCS Operating Instructions
2. DOI 102 DSSCS Operating Instructions
3. DOI-103 DSSCS Operating Instruction
4. NAVSECGRUINST S2501, Special Security Communications Manual

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2651-PLAN-2003 Develop communications plan

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: The individual will develop a communications plan to facilitate the unit's internal and external communications.

BILLET: SI Communicator, System Administrator, SSO

GRADE: SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTINGS: MOJT

CONDITION: With the aid of references, given a higher mission order, table of organization and table of equipment, and a requirement to communicate between multiple echelons in SIGINT/EW operations, using various forms of communication, and in a field or garrison environment.

STANDARD: To establish communications, in performance step sequence, in the time allotted by the commanding officer, and in accordance with the references.

PERFORMANCE STEPS:
1. Produce an Annex K.
2. Determine data network communications requirements.
3. Determine data network operational requirements.
4. Develop data network communications architecture.
5. Develop RF network architecture.
6. Determine frequency needs.
7. Submit frequency requests.
8. Determine call sign requirements.
9. Determine primary and alternate net control.
10. Coordinate with Trojan network control center.
11. Coordinate with MAGTF G-2 & G-6 for SIGINT communications operations.
12. Conduct site survey for emplacement of communications equipment.
13. Develop communications logistical support requirements.
14. Identify capabilities and limitations of USMC tactical comm equipment.
15. Request access to tributary and theater I&W nets.
16. Determine communication CMS/EKMS requirements.

REFERENCES:
1. JP 6-0 Joint Communication System
2. Local Standard Operating Procedures

3. MCWP 2-15.2 Signal Intelligence
4. MCWP 6-22 Communications and Information Systems
5. Appropriate Local Standard Operating Procedure
6. Network Infrastructure STIG - DISA
7. Command CEOI
8. Allied Cryptographic Operational Authenticator (AKAA) 2000
9. NWP 4 Basic Operational Communications Doctrine
10. MCI 25.15 Antenna Construction and Radio Wave Propagation
11. MCRP 6-22C Radio Operators Handbook
12. JOINT PUB 2-02 National Intelligence Support to Joint
13. SECNAVINST 5510.36 DON Information Security Program (ISP) Regulation.
14. DCID 6/9 Physical Security Standards for Sensitive Compartmented Information Facilities

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2651-SCTY-2004 Conduct TSCIF operations

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: Conduct TCIF operations to facilitate the unit's internal and external communications.

BILLET: SI Communicator, System Administrator, SSO

GRADE: SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTINGS: MOJT
CONDITION: With the aid of references, given a requirement to activate a T-SCIF, in a field or garrison environment.

STANDARD: To establish communications, in performance step sequence, in the time allotted by the commanding officer, and in accordance with the references.

PERFORMANCE STEPS:
1. Obtain site location from advance party personnel.
2. Request to establish a T-SCIF
3. Emplacement concertina and restriction signs around the T-SCIF.
4. Send T-SCIF activation message.
5. Prepare an Emergency Action Plan.
6. Review and implement guard procedures.
7. Conduct inventory of all classified material.
8. Determine location of destruction site.
9. Brief T-SCIF personnel on security matters.
10. Maintain T-SCIF access roster.
11. Ensure internal T-SCIF communications are established.
12. Conduct final T-SCIF inspection.
13. Declare T-SCIF operational.
14. Sanitize T-SCIF.
15. Coordinate T-SCIF deactivation time.
16. Send T-SCIF deactivation message.

REFERENCES:
1. SECNAVINST 5510.30 DON Personnel Security Program (PSP) Regulation

2. DCID 6/9 Physical Security Standards for Sensitive Compartmented Information Facilities
3. DoDD 5105.21-M-1 Sensitive Compartmented Information (SCI) Security Manual, Administrative Security
4. DoDD 5200.1-R Information Security Program Regulation
5. DoDD TS-5105.21-M-2 Sensitive Compartmented Information (SCI) Security Manual, Communications Intelligence (COMINT) Policy

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2651-SYSA-2005 Maintain configuration management

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: Many computer systems that are used within the SIGINT community contain sensitive information. Their use and continued connection to national networks or databases is contingent on their continued adherence to specifications laid out in various "Approval To Operate" orders. These order require only certain applications and services be used within that system. Therefore it is important that an Administrator be able to maintain Configuration Management to ensure that these systems continue to meet required guidelines.

BILLET: SI Communicator, System Administrator, SSO

GRADE: SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of references, given baseline system documentation, system security approval, appropriate security software, and in a field or garrison environment.
STANDARD: To ensure network security, by utilizing the system security approval document, and in accordance with the references.

PERFORMANCE STEPS:
1. Utilize references to develop a configuration management plan.
2. Write script files
3. Perform network administrator duties
4. Maintain system security
5. Apply and administer access control lists
6. Configure and administer firewalls
7. Configure and administer intrusion detection devices
8. Execute SCI communications plan

REFERENCES:
1. Appropriate DISA STIG Manual
2. Appropriate Local Standard Operating Procedure
3. System Security Approval Document
4. Learning Perl, O'Reilly Publishing
5. Learning VBScript, O'Reilly Publishing
6. Unix in a Nutshell, O'Reilly Publishing
7. Cisco Cookbook, O'Reilly Publishing
8. Cisco IOS in a Nutshell, O'Reilly Publishing
9. Essential System Administration, O'Reilly Publishing

10. Hardening Cisco Routers, O'Reilly Publishing
11. IP Routing Primer, Cisco Press
12. Managing IP Networks with Cisco Routers, O'Reilly Publishing
13. Network Infrastructure STIG - DISA
14. SSH, The Secure Shell, Definitive Guide, O'Reilly Publishing
15. TCP/IP Network Administration, O'Reilly Publishing
16. Virtual Private Networks, O'Reilly Publishing
17. Computer Security Basics, O'Reilly Publishing
18. The CISSP Prep Guide - Gold Edition, Wiley Publishing
19. Cisco IOS Access Lists, O'Reilly Publishing
20. Network Infrastructure STIG - DISA
21. Building Internet Firewalls, O'Reilly Publishing
22. Network Intrusion Detection, Stephen Northcutt
23. Snort 2.0 Intrusion Detection, Syngress Publishing

2651-TCOM-2006 Establish tactical communications

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL**: 12

DESCRIPTION: Establish tactical communications with other units without compromise.

BILLET: SI Communicator, System Administrator, SSO

GRADE: SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of references, given a mission order for tactical communications, and in a field or garrison environment.

STANDARD: To securely communicate, without compromise of data, in accordance with commander's intent, and the references.

PERFORMANCE STEPS:
1. Monitor radio communications nets
2. Maintain communications logs
3. Install, configure and operate video teleconference equipment
4. Operate INMARSAT

REFERENCES:
1. Appropriate Technical Manuals
2. MCI 25.15G Antenna Construction and Propagation of Radio Waves
3. MCRP 3-40.3C Field Antenna Handbook
4. MCRP 6-22C Radio Operators Handbook
5. MCWP 6-22 Communications and Information Systems
6. NWP 4 Basic Operational Communications Doctrine
7. Appropriate Local Standard Operating Procedure
8. Command CEOI
9. MCWP 6-22 Communications and Information Systems

SIGINT T&R MANUAL

CHAPTER 10

INDIVIDUAL EVENTS MOS 2670

SIGINT T&R MANUAL

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INDIVIDUAL EVENTS MOS 2670

10000. PURPOSE. This chapter details the individual training events that pertain to MOS 2670 Cryptologic Linguists, which represents the following MOS's: 2671 Middle East, 2673 Asia-Pacific, 2674 European I, and 2676 European II. These events are linked to a Service-level Mission Essential Tasks (MET). This linkage tailor's individual training for the selected MET. Each individual event provides an event title, along with the conditions events will be performed under, and the standard to which the event must be performed to be successful.

10001. ADMINISTRATIVE NOTES. T&R events are coded for ease of reference. Each event has a 4-4-4-digit identifier. The first four digits represent the occupational field or military occupational specialty (i.e., SIGT, 2602, 2651). This chapter contains 2670 events. The second four digits represent the functional or duty area. The last four digits represent the level, and identifier number of the event. Every individual event has an identifier number from 001 to 999.

10002. INDEX OF INDIVIDUAL EVENTS

1. **SIGINT 1000-LEVEL EVENTS.** Basic Cryptologic Linguist individual events taught during initial MOS formal school training.

2. **SIGINT 2000-LEVEL EVENTS.** Additional Events for the Cryptologic Linguist (2670). Additional ITS events taught either at other SIGINT courses or learned through MOJT.

10003. SIGINT 1000-LEVEL EVENTS

2670-COLL-1001 Identify Essential Elements of Information (EEI)

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 3

DESCRIPTION: Upon receipt of COMINT information, the individual must be able to identify the essential elements of information (EEIs).

BILLET: Collector

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of references, given relevant SIGINT requirements and COMINT information via written or verbal means.

STANDARD: To report via verbal or written means, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Review EEI's.
2. Analyze data for relevant intelligence pertaining to EEI's
3. Report identified EEI's.

REFERENCES:
1. MCDP 1-0 Marine Corps Operations
2. MCWP 2-1 Intelligence Operations
3. MCWP 2-22 Signals Intelligence

2670-GENI-1002 Maintain logs

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 3

DESCRIPTION: The individual will continuously record all correspondence received, and transmitted to and from higher, adjacent, and subordinate units.

BILLET: Collection Operator

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: Without the aid of references, given currently fielded USMC communications equipment, a Communications plan, and in a field or garrison environment.

STANDARD: To record time of receipt, time of transmission, addressee's and originator, and any action required or performed for all correspondence

received or transmitted, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Receive or transmit correspondence.
2. Log received or transmitted correspondence.

REFERENCES:
1. MCWP 2-22 Signals Intelligence
2. Communications Electronic Operating Instruction (CEOI)

2670-COLL-1003 Operate currently fielded USMC SIGINT/EW equipment to accomplish COMINT mission

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 12

DESCRIPTION: Individual will operate currently fielded USMC collection equipment in support of a COMINT mission.

BILLET: Collection Operator

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: Without the aid of references, given currently fielded USMC collection equipment, friendly radio communications nets, and in a field or garrison environment.

STANDARD: To collect communications intelligence in support of the overall SIGINT mission, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Set-up equipment.
2. Utilize equipment for COMINT collection.
3. Report collected data.

REFERENCES:
1. Applicable equipment manual
2. Communications Electronic Operating Instruction (CEOI)

2670-DISS-1004 Establish data communications via tactical radio

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 12

DESCRIPTION: Establish data communications via VHF, UHF LINE OF SIGHT, UHF SATCOM, and HF radios.

BILLET: Collection Operator

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: Without the aid of references, given radio equipment, USMC data systems, and in a field or garrison environment.

STANDARD: To facilitate the transmission and reception of data communications between at least two outstations, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Set-up equipment.
2. Establish connection.

REFERENCES:
1. Tactical Radio manuals
2. MCDP 6 Command and Control
3. MCRP 3-40.3B Radio Operators Handbook
4. MCRP 3-40.3C Antenna Handbook
5. MCWP 2-22 Signals Intelligence
6. Radio Battalion Standard Operating Procedure

2670-PROD-1005 Translate cryptologic language material

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 12

DESCRIPTION: Individual translates target language material into English.

BILLET: Collection Operator

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of reference, given cryptologic language material, lexical aids, and in a field or garrison environment.

STANDARD: Into English with 80% accuracy, within a time limit established by the commander, in accordance with the reference.

PERFORMANCE STEPS:
1. Classified in accordance with USSID 101.

REFERENCE:
1. Language dictionaries

2670-PROD-1006 Produce verbatim transcript

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 12

DESCRIPTION: Individual produces a verbatim transcript of a recorded voice cut.

BILLET: Collection Operator

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of reference, given currently fielded USMC collection/transcription system, a recorded voice file, a specified time limit, lexical aids, and in a field or garrison environment.

STANDARD: To at least 80% accuracy, within a time limit established by the commander, in accordance with the reference.

PERFORMANCE STEPS:
1. Classified in accordance with USSID 101.

REFERENCE:
1. USSID 101 Annex A

2670-COLL-1007 Produce GIST

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 12

DESCRIPTION: Produce a single-pass English or transliterated summary.

BILLET: Collection Operator

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of reference, given currently fielded USMC collection system, a recorded voice file, a specified time limit, and in a field or garrison environment.

STANDARD: To identify at least 80% of the essential elements of information, within a time limit established by the commander, in accordance with the reference.

PERFORMANCE STEPS:
1. Classified in accordance with USSID 101.

REFERENCE:
1. USSID 101

2670-PROD-1008 Produce DF/Geolocational data

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 3

DESCRIPTION: Individual produces DF/geolocational data.

BILLET: Collection Operator

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of references, given fielded USMC DF/geolocation system, an emitter, and in a field or garrison environment.

STANDARD: To generate a LOB, two-bearing cross, and fix data, and transfer to analysts for incorporation into the SIGINT picture. within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Classified in accordance with USSID 101.

REFERENCES:
1. FM 34-86 Direction Finding Operations
2. USSIDS

2670-COLL-1009 Provide COMINT support to Battle Damage Assessment (BDA)

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 3

DESCRIPTION: Individual will report BDA information accurately.

BILLET: Collector

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: Without the aid of references, given COMINT information containing BDA information, and in a field or garrison environment.

STANDARD: To identify, and report the BDA information obtained from COMINT, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Analyze data.
2. Identify BDA information.
3. Report BDA.

REFERENCES:
1. USSID 4
2. DIA Intelligence Reference Document DI 2820-4-02 Battle Damage Assessment Quick Guide
3. JP 2-01.1 Joint Tactics, Techniques, and Procedures for Intelligence Support to Targeting
4. JP 3-60 Joint Doctrine for Targeting

5. MCRP 3-16A Tactics, Techniques, and Procedures for the Targeting Process
6. MCWP 2-1 Intelligence Operations
7. MCWP 2-3 MAGTF Intelligence Production and Analysis

2670-DISS-1010 Disseminate Indications & Warning information

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 6

DESCRIPTION: The individual will disseminate I&W to the supported element in a timely manner.

BILLET: Collection Operator, Team Leader/ATL

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: Without the aid of references, given a communications plan, CEOI, updated friendly and enemy situation, collection report from organic and non-organic sources, and time constraints dictated by friendly and enemy situations, and in a field or garrison environment.

STANDARD: To the appropriate unit, in a timeframe dictated by the current friendly and enemy situation, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Analyze reports.
2. Identify I&W data.
3. Disseminate data.

REFERENCES:
1. USSID 300
2. USSID 4
3. MCWP 2-1 Intelligence Operations
4. MCWP 2-3 MAGTF Intelligence Production and Analysis
5. MCWP 2-4 Marine Air-Ground Task Force Intelligence Dissemination
6. MCWP 5-1 Marine Corps Planning Process
7. SECNAVINST 5510.34A Disclosure of Classified Military Information and Controlled Unclassified Information to Foreign Governments, International Organizations, and Foreign Representatives

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2670-DISS-1011 Conduct briefing

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 3

DESCRIPTION: Individual must prepare and present information orally to an audience.

BILLET: Collection Operator, Analyst, TL/ATL

GRADES: CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: FORMAL

CONDITION: With the aid of reference, given a research subject, audio visual equipment, computer and production software, and in a field or garrison environment.

STANDARD: To convey information in a clear and concise manner, and to ensure an understanding through a questions and answers session, within a time limit established by the commander, in accordance with the reference.

PERFORMANCE STEPS:
1. Research topic.
2. Compile data.
3. Input data into presentation format.
4. Brief data.
5. Respond to questions.

REFERENCE:
1. Local SOP

10004. SIGINT 2000-LEVEL EVENTS

2670-TRGT-2001 Identify potential targets

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 6

DESCRIPTION: The individual will identify potential targets for electronic and kinetic attack.

BILLET: Team Leader/ATL

GRADES: CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: MOJT

CONDITION: With the aid of references, given a higher-level mission order, a list of current analysis holdings, available databases, and in a field or garrison environment.

STANDARD: To complete a target nomination request for potential non-kinetic and kinetic attack targets to effectively engage the enemy targets, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Analyze data from available databases and working aids.
2. Compare mission order to available resources.
3. Identify potential targets.
4. Submit target nomination request.

REFERENCES:
1. MCRP 3-16A Tactics, Techniques, and Procedures for the Targeting Process
2. MCRP 3-16B The Joint Targeting Process and Procedures for Targeting Time-Critical Elements
3. JP 2-01.1 Joint Tactics, Techniques, and Procedures for Intelligence Support to Targeting
4. JP 3-60 Joint Doctrine for Targeting

2670-COLL-2002 Operate emerging technologies SIGINT/EW equipment to accomplish COMSEC mission

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 1

DESCRIPTION: Individual will operate emerging technologies collection equipment in support of a communications security mission.

BILLET: Collection Operator

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: MOJT

CONDITION: Without the aid of references, given emerging technologies collection equipment, friendly radio communications nets, and in a field or garrison environment.

STANDARD: To identify communications security violations, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Set-up equipment.
2. Utilize equipment for COMSEC monitoring.
3. Report collected data.

REFERENCES:
1. Applicable equipment manual
2. Communications Electronic Operating Instruction (CEOI)

2670-COLL-2003 Tip other organic and non-organic SIGINT/EW collection assets

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 3

DESCRIPTION: Individual will ensure alert (TIP OFF) is successfully relayed.

BILLET: Collection Operator

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: MOJT

CONDITION: Without the aid of references, given a list of adjacent and supported SIGINT platforms, a means for providing alerts (TIP OFFS), alternate intercept coverage plan (AICP), communications equipment, and in a field or garrison environment.

STANDARD: To alert (TIP OFF) adjacent or supported SIGINT platforms of mission related SIGINT activities for further prosecution, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Analyze reports and organic collection.
2. Identify data that meets TIP OFF criteria.
3. Disseminate data.

REFERENCES:
1. USSID's
2. Communications Electronic Operating Instruction (CEOI)

2670-TRGT-2004 Conduct Electronic Attack on immediate targets

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 3

DESCRIPTION: Individual will effectively attack target.

BILLET: EA Team Member

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: MOJT

CONDITION: Without the aid of reference, given a predetermined target, direction from higher head quarters, an electronic attack system, a communications systems, and in a field or garrison environment.

STANDARD: To neutralize predetermined target(s) as directed by HHQ, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Analyze list of predetermined targets.
2. Conduct Electronic Attack.
3. Report results to HHQ.

REFERENCES:
1. MCRP 3-16A Tactics, Techniques, and Procedures for the Targeting Process
2. MCRP 3-16B The Joint Targeting Process and Procedures for Targeting Time-Critical Elements
3. JP 2-01.1 Joint Tactics, Techniques, and Procedures for Intelligence Support to Targeting
4. JP 3-60 Joint Doctrine for Targeting

2670-DISS-2005 Determine available dissemination medium

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 3

DESCRIPTION: The individual must coordinate with the intended recipient so that the means of transmission/delivery is identified.

BILLET: Team Leader, ATL

GRADES: CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: MOJT

CONDITION: Without the aid of references, given multiple means of delivery, time requirements, and classification requirements, and in a field or garrison environment.

STANDARD: To deliver actionable intelligence via appropriate medium, based upon location, priority of intelligence, and means available, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Identify available means of delivery.
2. Disseminate intelligence in accordance with references.

REFERENCES:
1. USSIDS 300 Series
2. Station USSIDS
3. Local Reporting Criteria
4. CEOI
5. MCWP 2-1 Intelligence Operations
6. MCWP 2-3 MAGTF Intelligence Production and Analysis
7. MCWP 2-4 Marine Air-Ground Task Force Intelligence Dissemination
8. MCWP 5-1 Marine Corps Planning Process
9. SECNAVINST 5510.34A Disclosure of Classified Military Information and Controlled Unclassified Information to Foreign Governments, International Organizations, and Foreign Representatives

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2670-COLL-2006 Provide Signals Intelligence input to the Intelligence Preparation of the Battlefield process

EVALUATION CODED (E-CODE): NO **SUSTAINMENT INTERVAL:** 6

DESCRIPTION: The individual will provide Signals Intelligence input to the IPB process.

BILLET: Team Leader, ATL

GRADE: CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTINGS: MOJT

CONDITION: Without the aid of reference, given Signals Intelligence data and a target area for intelligence preparation of the battle space (IPB), and in a field or garrison environment.

STANDARD: To ensure pertinent information is collected and supports the development of the target area IPB assessment, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Analyze Signals Intelligence data that is relevant to target area.
2. Receive Commanders Intent for operations.
3. Provide pertinent Signals Intelligence information to HHQ to support IPB.

REFERENCES:
1. JP 2-01 Joint and National Intelligence Support to Military Operations
2. MCDP 1-0 Marine Corps Operations
3. MCRP 2-3A Intelligence Preparation of the Battlefield
4. MCWP 2-3 MAGTF Intelligence Production and Analysis
5. MCWP 5-1 Marine Corps Planning Process

SIGINT T&R MANUAL

CHAPTER 11

INDIVIDUAL EVENTS MOS 2691

SIGINT T&R MANUAL

CHAPTER 11

INDIVIDUAL EVENTS MOS 2691

11000. PURPOSE. This chapter details the individual training events that pertain to MOS 2691, Signals Intelligence/Electronic Warfare Chief. These events are linked to a Service-level Mission Essential Tasks (MET). This linkage tailor's individual training for the selected MET. Each individual event provides an event title, along with the conditions events will be performed under, and the standard to which the event must be performed to be successful.

11001. ADMINISTRATIVE NOTES. T&R events are coded for ease of reference. Each event has a 4-4-4-digit identifier. The first four digits represent the occupational field or military occupational specialty (i.e., SIGT, 2621, 2651). This chapter contains 2691 events. The second four digits represent the functional or duty area. The last four digits represent the level, and identifier number of the event. Every individual event has an identifier number from 001 to 999.

11002. INDEX OF INDIVIDUAL EVENTS

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11003. SIGINT 2000-LEVEL EVENTS

2691-PLAN-2001 Provide SIGINT threat assessment.

EVALUATION CODED: NO **SUSTAINMENT INTERVAL:** 6

DESCRIPTION: The SIGINT planner, when assigned to an operational planning team, will provide SIGINT threat assessment to IO cell.

BILLET: SIGINT Ops Chief

GRADES: MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Without the aid of references, given appropriate target information, and in a field or garrison environment.

STANDARD: To support Information Operations, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Review SIGINT Situation Overlay.
2. Review SIGINT Activity Matrices.
3. Describe enemy SIGINT activity for reporting period.
4. Summarize all known SIGINT activity.

REFERENCES:
1. JP-2-0 Doctrine for Intelligence Support to Joint Operations
2. JP 3-13 Joint Doctrine for Information Operations
3. MCWP 3-40.4 MAGTF Information Operations
4. MCDP 1-0 Marine Corps Operations

2691-PLAN-2002 Assign personnel to appropriate billets.

EVALUATION CODED: NO **SUSTAINMENT INTERVAL:** 12

DESCRIPTION: The individual will manage SIGINT personnel and ensure that assignments are made to the appropriate billets, both in garrison and on deployment.

BILLET: Company Ops Chief, Bn Ops Chief

GRADES: MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Without the aid of reference, given a current unit T/O and billet requirements, and in a field or garrison environment.

STANDARD: To which they are best suited within the unit/detachment to accomplish the assigned missions, within a time limit established by the commander, in accordance with the reference.

PERFORMANCE STEPS:
1. Determine collection and operational requirements.
2. Review current unit T/O.
3. Assign personnel to billets based on MOS, capabilities, experience, and rank.

REFERENCE:
1. Local SOP

2691-PLAN-2003 Determine SIGINT consumers

EVALUATION CODED: NO **SUSTAINMENT INTERVAL:** 6

DESCRIPTION: The individual will determine appropriate consumer for SIGINT products.

BILLET: OCA Chief, Bn Ops Chief

GRADES: MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references, given an OP Order, CCIRs, PIRs, current situational awareness, and in a field or garrison environment.

STANDARD: Based on operational and mission requirements, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Review current Operations Order.
2. Compare SIGINT products to CCIRs and PIRs.
3. Determine information flow based on Command and Control portion of the Operation order.
4. Sanitize information.
5. Disseminate information to appropriate consumers.

REFERENCES:
1. USSID 505
2. USSID 4
3. MCWP 2-1 Intelligence Operations
4. MCWP 2-22 Signals Intelligence

2691-PLAN-2004 Prioritize analysis and production effort.

EVALUATION CODED: NO **SUSTAINMENT INTERVAL:** 3

DESCRIPTION: Prior to conducting analysis and production operations the individual must determine priority of effort based upon consumer needs.
BILLET: OCA Chief

GRADES: MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of reference, given CCIRs, PIRs, consumer requirements, and in a field or garrison environment.

STANDARD: To satisfy consumer requirements, within a time limit established by the commander, in accordance with the reference.

PERFORMANCE STEPS:
1. Use NSRP to determine priority of effort in regards to CCIRs, PIRs, and consumer requirements.

REFERENCE:
1. National SIGINT Requirements Process (NSRP)

2691-PLAN-2005 Evaluate SIGINT collection effectiveness.

EVALUATION CODED: NO **SUSTAINMENT INTERVAL:** 3

DESCRIPTION: The individual must evaluate the effectiveness of the collection effort against assigned tasking and in support of CCIRs and PIRs.

BILLET: Collection Manager

GRADES: MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references, given current requirements, SIGINT products, current collection tasking, and in a field or garrison environment.

STANDARD: To satisfy CCIRs and PIRs, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Review CCIRs and PIR's
2. Establish SIGINT operation in accordance with FM 34-2.
3. Verify CCIRs and PIRs are being satisfied to standard.

REFERENCES:
1. FM 34-2 Collection Management and Synchronization Planning
2. MCWP 2-22 Signals Intelligence
3. USSID 101

2691-PLAN-2006 Identify gaps in organic collection.

EVALUATION CODED: NO **SUSTAINMENT INTERVAL:** 3

DESCRIPTION: The individual identifies gaps in organic SIGINT coverage.

BILLET: Collection Manager

GRADES: MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references, given current requirements, national and theater level collection plans, current T/O and T/E, and in a field or garrison environment.

STANDARD: To produce a list of collection gaps in the given AOR, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Evaluate SIGINT target capabilities via Electronic Order of Battle
2. Verify organic collection capabilities by review of T/O and T/E.
3. Using FM 34-2 compare target capabilities versus collection capabilities to identify gaps.

REFERENCES:
1. FM 34-2 Collection Management and Synchronization Planning
2. MCWP 2-22 Signals Intelligence

2691-PLAN-2007 Address gaps in organic collection

EVALUATION CODED: NO **SUSTAINMENT INTERVAL:** 3

DESCRIPTION: The individual will coordinate coverage of gaps in organic collection.

BILLET: Bn Ops Chief, Collection Manager

GRADES: MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references, given current collection plan, T/O and T/E, a list of collection gaps, a list of national and theater collection assets, and in a field or garrison environment.

STANDARD: To coordinate coverage of gaps in organic collection with national and theater level agencies and units, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Identify gaps in organic collection per 2691-PLAN-2006.
2. Compare organic collection gaps to the capabilities of national and

theater assets available.
3. Identify targets that will need to be assigned to national and theater assets.
4. Compose tasking requests for national and theater collection on identified targets.

REFERENCES:
1. FM 34-2 Collection Management and Synchronization Planning
2. MCWP 2-22 Signals Intelligence

2691-PLAN-2008 Determine collection site locations

EVALUATION CODED: NO **SUSTAINMENT INTERVAL:** 3

DESCRIPTION: Prior to SIGINT operations the individual must determine the best location for placement of organic collection assets.

BILLET: Collection Manager

GRADES: MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references, given SIGINT requirements, collection plan, map, T/E, enemy disposition, current CEOI, and in a field or garrison environment.

STANDARD: To achieve the best placement of organic collection assets based on mission analysis, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Determine possible collection sites using a map, current operations plan, and enemy disposition.
2. Evaluate possible collection sites based on given SIGINT requirements, collection plan, and CEOI.
3. Determine primary and secondary sites per collection asset based on T/E.

REFERENCES:
1. FM 34-2 Collection Management and Synchronization Planning
2. MCWP 2-22 Signals Intelligence
3. USSID 101
4. Unit SOPs

2691-PLAN-2009 Conduct assessment of loss of target

EVALUATION CODED: NO **SUSTAINMENT INTERVAL:** 3

DESCRIPTION: During the target nomination process, the individual will determine the impact of kinetic or non-kinetic fires on enemy target communications.

BILLET: Bn Ops Chief

GRADES: MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of reference, given a higher-level mission order, a list of national, theater, and tactical intelligence requirements, results of nodal analysis, enemy EOB, and in a field or garrison environment.

STANDARD: To determine gain/loss of potential targets, within a time limit established by the commander, in accordance with the reference.

PERFORMANCE STEPS:
1. Compare analysis of SIGINT activity of a target or targets before and after kinetic or non-kinetic fires.
2. Determine impact of fires of viability of SIGINT targets based on quantity and quality of collection.
3. Advise commander of gain/loss of target(s) due to fires.

REFERENCE:
1. MCWP 2-22 Signals Intelligence

2691-PLAN-2010 Provide Signals Intelligence input to IPB assessment

EVALUATION CODED: NO **SUSTAINMENT INTERVAL:** 6

DESCRIPTION: The individual provides input into the IPB assessment.

BILLET: Bn Ops Chief, MEF SIEW Chief

GRADES: MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references, given SIGINT information, operations orders/plans, and in a field or garrison environment.

STANDARD: Using information established via SIGINT, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Determine input requirements based on MCRP 2-3A.
2. Evaluate SIGINT information and current operation orders.
3. Provide SIGINT input to commander for input to IPB assessment.

REFERENCES:
1. MCRP 2-3A Intelligence Preparation of the Battlefield
2. JP 5-0 Doctrine for Planning Joint Operations
3. MCWP 2-22 Signals Intelligence

2691-PLAN-2011 Draft the SIGINT appendix to Operations Order

EVALUATION CODED: NO **SUSTAINMENT INTERVAL:** 6

DESCRIPTION: The individual will develop the SIGINT appendix to the OpOrd.

BILLET: MEF/MARFOR SIEW Chief

GRADES: MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of reference, given an OpOrd and Annex B input from subordinate Radio Bn, and in a field or garrison environment.

STANDARD: To develop the appendix 2 to annex B of the OpOrder, within a time limit established by the commander, in accordance with the reference.

PERFORMANCE STEPS:
1. Obtain outline of appendix 2 to Annex B from Radio Bn SOP.
2. Fill in operation specific information per SOP.

REFERENCE:
1. Radio Bn SOPs

2691-PLAN-2012 Develop and refine SIGINT estimates of supportability

EVALUATION CODED: NO **SUSTAINMENT INTERVAL:** 12

DESCRIPTION: Given a mission/task by HHQ, conduct a SIGINT estimate of supportability.

BILLET: Bn Ops Chief, Company Ops Chief

GRADES: MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references, given a mission/task by HHQ, current T/O and T/E, and current and potential OpTempo, in a field or garrison environment.

STANDARD: To identify capabilities and shortfalls and provide SIGINT estimate of supportability based on the commanders requirements, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Evaluate current operational sustainability based on unit SOP, T/O, and T/E
2. Determine shortfalls and capabilities to SIGINT operations based on current operations.
3. Refine capabilities as T/O and T/E changes occur.
4. Provide SIGINT estimate of supportability to the commanders as required.

REFERENCES:
1. 0-8129-2808-3 The Thinker's Toolkit
2. MCWP 2-3 MAGTF Intelligence Production and Analysis

2691-PLAN-2013 Determine logistical support requirements to conduct SIGINT operations

EVALUATION CODED: NO **SUSTAINMENT INTERVAL:** 6

DESCRIPTION: The individual will determine logistical support requirements at all levels of the Intel Cycle.

BILLET: Bn Ops Chief, Company Ops Chief, OCA Chief

GRADES: MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references, given a HHQ order, T/O, T/E, mission constraints, and in a field or garrison environment.

STANDARD: In accordance with the commander's requirements for all levels of the Intel Cycle, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Determine logistical requirements for SIGINT operations based on T/O and T/E.
2. Determine length of operations based on Operation Plan and mission requirements.
3. Compute total logistical support required to sustain operations through all levels of the Intel Cycle.

REFERENCES:
1. MCDP 4 Logistics
2. MCDP 5 Planning

2691-PROD-2014 Develop SIGINT production schedule

EVALUATION CODED: NO **SUSTAINMENT INTERVAL:** 3

DESCRIPTION: The individual will develop the production schedule for SIGINT products IAW the Intel staff battle rhythm.

BILLET: OCA Chief

GRADES: MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references, given the staff battle rhythm, and in a field or garrison environment.

STANDARD: For products as part of the Intel staff's battle rhythm, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Ascertain the Intel staff battle rhythm.
2. Establish the timetable for updating SIGINT briefing.
3. Ensure that SIGINT products are complete and disseminated on schedule.

REFERENCES:
1. MCWP 2-1 Intelligence Operations
2. MCWP 2-22 Signals Intelligence
3. MCDP 2 Intelligence

2691-PROD-2015 Assign tasks to organic collection assets

EVALUATION CODED: NO **SUSTAINMENT INTERVAL:** 3

DESCRIPTION: The individual will assign collection tasks based on CCIRs and PIRs to organic collection assets.

BILLET: Bn Ops Chief, Company Ops Chief, Collection manager

GRADES: MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references, given a list of CCIRs, PIRs, a unit T/O and T/E, and in a field or garrison environment.

STANDARD: To best satisfy the CCIRs and PIRs, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Evaluate CCIRs and PIRs to determine collection asset requirements
2. Assign tasks to collection assets based on T/O and T/E
3. Evaluate collection results to ensure CCIRs and PIRs are satisfied.
4. Reassign tasks to accommodate shortfalls.

REFERENCES:
1. DODD S-3115.7 Signals Intelligence
2. FM 34-2 Collection Management and Synchronization Planning
3. MCWP 2-1 Intelligence Operations
4. MCWP 2-22 Signals Intelligence
5. USSID 101

2691-PLAN-2016 Determine local reporting criteria

EVALUATION CODED: NO **SUSTAINMENT INTERVAL:** 3

DESCRIPTION: The individual will determine local reporting criteria to satisfy CCIRs and PIRs.

BILLET: OCA Chief

GRADES: MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references, given CCIRs and PIRs, and in a field or garrison environment.

STANDARD: To satisfy CCIRs and PIRs in cases not covered by USSID 300, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Evaluate CCIRs and PIRs to determine if they meet USSID 300 reporting criteria.
2. Evaluate CCIRs and PIRs to determine if they meet Local SOP reporting criteria.
3. If necessary, revise CCIRs and PIRs to meet USSID 300 or Local SOP reporting criteria.
4. Make appropriate changes to Local SOP to encompass trends in CCIRs and PIRs not previously accounted for.

REFERENCES:
1. USSID 300
2. Local SOP

2691-PLAN-2017 Determine time requirements for reporting criteria

EVALUATION CODED: NO **SUSTAINMENT INTERVAL:** 3

DESCRIPTION: The individual will determine the timeliness requirements for reporting not already covered under USSID 300 or local unit SOPs.

BILLET: OCA Chief

GRADES: MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references, given CCIRs and PIRs, and in a field or garrison environment.

STANDARD: To ensure the timeliness of SIGINT reports to satisfy mission requirements, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Identify any timeliness reporting criteria that is not covered by the references.

2. Compare these CCIRs and PIRs with current operational timeline.
3. Establish a timeliness requirement for these CCIRs and PIRs.

REFERENCES:
1. USSID 300
2. Local SOP

2691-PLAN-2018 Assist in the development of Information Operations plans

EVALUATION CODED: NO **SUSTAINMENT INTERVAL:** 6

DESCRIPTION: The SIGINT planner when assigned to an operational planning team will assist the Bn IO Officer in the planning of Information Operations in order to support MAGTF or Joint Information Operations.

BILLET: Bn Ops Chief, SIEW Chief

GRADES: MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references, given IO requirements, and in a field or garrison environment.

STANDARD: By providing SIGINT-specific information to the development of the overall IO plan, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. As required by the Battalion Information Operations Officer.

REFERENCES:
1. JP-2-0 Doctrine for Intelligence Support to Joint Operations
2. JP 3-13 Joint Doctrine for Information Operations
3. MCWP 3-40.4 MAGTF Information Operations
4. MCDP 1-0 Marine Corps Operations

2691-PLAN-2019 Provide feedback to IO cell.

EVALUATION CODED: NO **SUSTAINMENT INTERVAL:** 6

DESCRIPTION: The SIGINT planner when assigned to an operational planning team will provide feedback to IO cell on effectiveness of current IO plan

BILLET: Bn Ops Chief, SIEW Chief

GRADES: MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references, given signals intelligence data, and in a field or garrison environment.

STANDARD: By analyzing SIGINT data and providing advice on the effectiveness of the current IO plan, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Review and current Information Operations plan.
2. Analyze SIGINT data in regards to effectiveness of current IO plan.
3. Provide feedback to IO cell as to the effectiveness of the current IO plan.
4. Advise as to adjustments required to make the IO plan more effective.

REFERENCES:
1. JP-2-0 Doctrine for Intelligence Support to Joint Operations
2. JP 3-13 Joint Doctrine for Information Operations
3. MCWP 3-40.4 MAGTF Information Operations
4. MCDP 1-0 Marine Corps Operations

2691-PLAN-2020 Determine locally generated product format

EVALUATION CODED: NO **SUSTAINMENT INTERVAL:** 3

DESCRIPTION: The individual will determine the format for locally generated SIGINT products to satisfy the consumer's needs.

BILLET: OCA Chief

GRADES: MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of reference, given consumer requirements, and in a field or garrison environment.

STANDARD: Through coordination with SIGINT consumers to meet established SIGINT/mission requirements, within a time limit established by the commander, in accordance with the reference.

PERFORMANCE STEP:
1. Based on consumer requirements, choose a reporting format from the reference that best fills those requirements.

REFERENCE:
1. Unit SOPs

2691-PLAN-2021 Determine validity of levied requirements

EVALUATION CODED: NO **SUSTAINMENT INTERVAL:** 3

DESCRIPTION: Prior to issuing analyst tasking, the individual will determine the validity of levied requirements based on available resources and capabilities.
BILLET: Bn Ops Chief, Company Ops Chief, OCA Chief

GRADES: MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of reference, given a list of requirements, current T/O and T/E, and in a field or garrison environment.

STANDARD: Based on resource constraints and capabilities, within a time limit established by the commander, in accordance with the reference.

PERFORMANCE STEPS:
1. Review levied requirements.
2. Review resource constraints and capabilities based on T/O and T/E.
3. Validate requirements against capabilities.

REFERENCE:
1. Local SOP

2691-PLAN-2022 Review SIGINT target list

EVALUATION CODED: NO **SUSTAINMENT INTERVAL:** 3

DESCRIPTION: The individual reviews all current targets to identify the need for further SIGINT target development.

BILLET: Bn Ops Chief, OCA Chief, Collection Manager

GRADES: MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references, given a list of current targets, CCIRs and PIRs, available reports and resources, Air Tasking Orders, Reactive Attack Guidance Matrix, Immediate Strike Lists, Basic Targeting Graphic, Battlefield Shaping Matrix, and in a field or garrison environment.

STANDARD: To identify specific targets for further development, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Analyze SIGINT product for reporting period.
2. Review current operations plan.
3. Using given lists, matrices, and orders of battle, review SIGINT targeting list.
4. Using references 1 thru 4 revise SIGINT target list as necessary.

REFERENCES:
1. DIA Intelligence Reference Document DI 2820-4-02 Battle Damage Assessment

Quick Guide
2. JP 2-01.1 Joint Tactics, Techniques, and Procedures for Intelligence Support to Targeting
3. JP 3-60 Joint Doctrine for Targeting
4. MCRP 3-16A Tactics, Techniques, and Procedures for the Targeting Process
5. MCWP 2-1 Intelligence Operations
6. MCWP 2-3 MAGTF Intelligence Production and Analysis

2691-PLAN-2023 Review external SIGINT collection posture statements

EVALUATION CODED: NO **SUSTAINMENT INTERVAL:** 3

DESCRIPTION: The individual reviews all external SIGINT collection posture statements.

BILLET: OCA Chief, Bn Ops Chief, Collection Manager

GRADES: MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references, given all external SIGINT collection posture statements, and in a field or garrison environment.

STANDARD: To brief commanders on current external SIGINT collection posture, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Obtain most resent posture statements from external SIGINT collection asset.
2. Review and summarize external SIGINT collection posture
3. Provide brief to commanders.

REFERENCES:
1. MCWP 2-2 MAGTF Intelligence Collections
2. MCWP 2-22 Signals Intelligence
3. MCWP 2-3 MAGTF Intelligence Production and Analysis

2691-PLAN-2024 Review cryptologic support plan

EVALUATION CODED: NO **SUSTAINMENT INTERVAL:** 12

DESCRIPTION: The individual reviews all applicable cryptologic support plans in support of mission analysis.

BILLET: MEF/MARFOR SIEW Chief, Bn Ops Chief

GRADES: MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references, given HHQ order, SIGINT collection requirements documents, specific CSPs, and in a field or garrison environment.

STANDARD: To ensure support of the mission analysis phase of MCPP, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Review and summarize Cryptological Support Plan.
2. Recommend adjustments to CSP as necessary.
3. Provide input to SIGINT officer for mission analysis phase of MCPP.

REFERENCES:
1. JP 2-0 Doctrine for Intelligence Support to Joint Operations
2. JP 2-01 Joint and National Intelligence Support to Military Operations

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2691-PLAN-2025 Coordinate with national SIGINT assets

EVALUATION CODED: NO **SUSTAINMENT INTERVAL:** 3

DESCRIPTION: The individual coordinates with national agencies to develop local SIGINT estimates of supportability.

BILLET: Bn Ops Chief, OCA Chief

GRADES: MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references, given national agencies' tasking, and in a field or garrison environment.

STANDARD: To develop local SIGINT estimates of supportability, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Determine what national agencies' tasking is applicable to AOR.
2. Review current T/O and T/E to verify supportability.
3. Coordinate with national agencies for product reporting requirements.

REFERENCES:
1. 0-8129-2808-3 The Thinker's Toolkit
2. MCWP 2-3 MAGTF Intelligence Production and Analysis

2691-PLAN-2026 Coordinate with theater SIGINT support activities

EVALUATION CODED: NO **SUSTAINMENT INTERVAL:** 6

DESCRIPTION: The individual coordinates with theater agencies to develop local SIGINT estimates of supportability.

BILLET: Bn Ops Chief, OCA Chief

GRADES: MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of reference, given theater level tasking, and in a field or garrison environment.

STANDARD: To develop local SIGINT estimates of supportability, within a time limit established by the commander, in accordance with the reference.

PERFORMANCE STEPS:
1. Determine what theater activities' tasking is applicable to AOR.
2. Review current T/O and T/E to verify supportability.
3. Coordinate with theater activity for product reporting requirements.

REFERENCE:
1. Local SOP

2691-PLAN-2027 Determine SIGINT support to the collection plan

EVALUATION CODED: NO **SUSTAINMENT INTERVAL:** 3

DESCRIPTION: The individual coordinates with the collection manager at HHQ IOT determine which collection tasks will be assigned to organic SIGINT assets.

BILLET: Collection Manager

GRADES: MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references, given CCIRs, PIRs, Intel collection plan, and in a field or garrison environment.

STANDARD: To identify requirements to be tasked to SIGINT units, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Review given lists, plans, and requirements.
2. Determine what requirements can only be supported by organic collection units.
3. Prioritize collection requirements.
4. Assign requirements to organic collection units based on capabilities, T/O and T/E.

REFERENCES:
1. MCWP 2-2 MAGTF Intelligence Collections
2. MCWP 2-22 Signals Intelligence
3. MCWP 2-3 MAGTF Intelligence Production and Analysis

2691-PLAN-2028 Generate information needs statement

EVALUATION CODED: NO **SUSTAINMENT INTERVAL:** 3

DESCRIPTION: The individual generates an information needs statement in support of a commander's critical information requirement.

BILLET: MEF/MARFOR SIEW Chief

GRADES: MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of reference, given an information requirement, CCIRs, PIRs, access to NSRP, and in a field or garrison environment.

STANDARD: To support an information requirement, within a time limit established by the commander, in accordance with the reference.

PERFORMANCE STEPS:
1. Review Information requirements.
2. Identify needs that must be filled via external assets.
3. Generate and submit an information needs statement to external assets in accordance with Local SOP.

REFERENCE:
1. Local SOP

2691-PLAN-2029 Assist in the drafting of Operation Orders (OPORDs)

EVALUATION CODED: NO **SUSTAINMENT INTERVAL:** 3

DESCRIPTION: The individual assist in the drafting of OPORDs based on HHQ OPORDs.

BILLET: Bn Ops Chief

GRADES: MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references, given a completed HHQ operations order, and in a field or garrison environment.

STANDARD: To ensure the employment of SIGINT assets to their full potential, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEP:
1. Assist SIGINT Officer in drafting OPORD specific to the employment of SIGINT assets.

REFERENCES:
1. MCDP 1-0 Marine Corps Operations
2. MCDP 5 Planning
3. JP 2-0 Doctrine for Intelligence Support to Joint Operations

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2691-PLAN-2030 Identify MOS shortfalls

EVALUATION CODED: NO **SUSTAINMENT INTERVAL:** 3

DESCRIPTION: The individual determines MOS shortfalls.

BILLET: Bn Ops Chief, Company Ops Chief

GRADES: MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Without the aid of references, given a unit T/O, HHQ OpOrder, and in a field or garrison environment.

STANDARD: By reviewing mission orders to identify skill set requirements, and quantity needed to accomplish assigned tasks, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Review current operations order and information requirements.
2. Compare requirements to available MOSs per T/O.
3. Identify requirements that can not be fulfilled due to MOS shortfalls.

REFERENCES:
1. MCO P1200.16 MOS Manual
2. MCWP 2-22 Signals Intelligence

2691-PLAN-2031 Address MOS shortfalls

EVALUATION CODED: NO **SUSTAINMENT INTERVAL:** 3

DESCRIPTION: The individual will address MOS shortfalls by utilizing the T/O Change Request, the Individual Augment Request, and the MRTM Request, as applicable, in order to satisfy specific mission requirements.

BILLET: Bn Ops Chief

GRADES: MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references, given a unit T/O, HHQ OpOrder, and in a field or garrison environment.

STANDARD: By submitting T/O Change Requests, Individual Augment Requests, or MRTM Requests, as applicable, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Identify MOS shortfalls.
2. Determine whether shortfall is temporary, incidental, or permanent.
3. Submit appropriate request to alleviate shortfall.

REFERENCES:
1. MCO P1200.16 MOS Manual
2. MCWP 2-22 Signals Intelligence

2691-PLAN-2032 Determine unique skill set requirements

EVALUATION CODED: NO **SUSTAINMENT INTERVAL:** 3

DESCRIPTION: The individual determines unique skill sets required to accomplish assigned missions. Specific skill sets such as Advanced Signals Analysis, Computer Network Operations (CNO), or reconnaissance skills are examples.

BILLET: Bn Ops Chief, Company Ops Chief

GRADES: MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Without the aid of references, given an OpOrder, unit T/O, and in a field or garrison environment.

STANDARD: Required to accomplish assigned missions, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Identify skill set requirements
2. Determine whether skill set requirements are temporary, incidental, or permanent.
3. Submit appropriate request to obtain training for assigned personnel or an individual augmentation request.

REFERENCES:
1. MCO P1200.16 MOS Manual
2. MCO P3500.72 Marine Corps Ground Training and Readiness Program
3. MCWP 2-22 Signals Intelligence

2691-PLAN-2033 Determine organic SIGINT capabilities

EVALUATION CODED: NO **SUSTAINMENT INTERVAL:** 12

DESCRIPTION: The individual determines organic collection, analysis, reporting, and dissemination capabilities in support of assigned missions.

BILLET: Bn Ops Chief, Company Ops Chief, OCA Chief, Collection Manager

GRADES: MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of reference, given a HHQ order, current T/E, and in a field or garrison environment.

STANDARD: To satisfy collection, analysis, reporting, and dissemination mission requirements, within a time limit established by the commander, in accordance with the reference.

PERFORMANCE STEPS:
1. Review current T/O and T/E.
2. Determine unit capabilities and sustainability.

REFERENCE:
1. Equipment Manuals

2691-PLAN-2034 Determine watch requirements

EVALUATION CODED: NO **SUSTAINMENT INTERVAL:** 3

DESCRIPTION: The individual determines specific watch requirements to accomplish assigned missions.

BILLET: OCA Chief

GRADES: MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of reference, given a HHQ order, current T/O and T/E, and in a field or garrison environment.

STANDARD: To accomplish assigned missions and are in compliance with command requirements, within a time limit established by the commander, in accordance with the reference.

PERFORMANCE STEPS:
1. Review assigned missions.
2. Determine manning requirements to accomplish assigned missions.
3. Assign personnel to appropriate watch sections to accomplish assigned missions.

REFERENCE:
1. Local SOP

2691-PLAN-2035 Review SIGINT reporting criteria

EVALUATION CODED: NO **SUSTAINMENT INTERVAL:** 3

DESCRIPTION: The individual reviews all current USSIDS and local SOPs to ensure current reporting is in compliance.

BILLET: OCA Chief

GRADES: MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references, given current SIGINT reporting, and in a field or garrison environment.

STANDARD: To ensure current procedures are in compliance with reporting standards, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Review References.
2. Ensure local and unit SOPs are in compliance with most resent versions of the USSIDs.
3. Disseminate changes as necessary.

REFERENCES:
1. USSID 300
2. USSID 301
3. USSID 369
4. Unit SOPs

2691-PLAN-2036 Determine command relationships with external SIGINT units

EVALUATION CODED: No **SUSTAINMENT INTERVAL:** 3

DESCRIPTION: The individual determines command relationships with external SIGINT units when operating in a joint or combined environment.

BILLET: MEF SIEW Chief, Bn Ops Chief

GRADES: MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references, given mission orders and releasing guidelines, and in a field or garrison environment.

STANDARD: To best communicate with external SIGINT units to accomplish assigned missions, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Review unit SOPs to ensure that Memorandums of agreement and understanding are updated and in compliance with USSIDs and HHQ directives.
2. Coordinate with external SIGINT units prior to deployment/employment to ensure that the command relationship directed in MOUs and MOAs is understood.

REFERENCES:
1. JP 5-0 Doctrine for Planning Joint Operations
2. JP 2-01 Joint and National Intelligence Support to Military Operations
3. JP 2-02 National Intelligence Support to Joint Operations
4. Unit SOPs
5. USSIDs

2691-PLAN-2037 Determine SIGINT requirements

EVALUATION CODED: NO **SUSTAINMENT INTERVAL:** 3

DESCRIPTION: The individual determines organic collection, analysis, reporting, and dissemination requirements in support of assigned missions.

BILLET: Bn Ops Chief, Company Ops Chief

GRADES: MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references, given a HHQ order, and current T/O and T/E, and in a field or garrison environment.

STANDARD: To satisfy mission requirements, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Review HHQ order and current operations plan.
2. Identify mission planning requirements that require SIGINT input.
3. Assist in drafting CCIR's and PIR's in regards to SIGINT
4. Determine whether organic or external SIGINT assets will fill requirements.

REFERENCES:
1. MCWP 2-2 MAGTF Intelligence Collections
2. MCWP 2-22 Signals Intelligence
3. MCWP 2-3 MAGTF Intelligence Production and Analysis

2691-PLAN-2038 Coordinate with G2/S2 disseminations officer

EVALUATION CODED: NO **SUSTAINMENT INTERVAL:** 12

DESCRIPTION: The individual coordinates with the G2 dissemination officer for SIGINT reporting requirements IOT accomplish assigned missions

BILLET: Bn Ops Chief, Company Ops Chief, OCA Chief

GRADES: MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references, given HHQ order, and in a field or garrison environment.

STANDARD: To establish SIGINT reporting requirements in support of MAGTF operations, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Coordinate with G2/S2 dissemination officer to establish reporting requirements.
2. Sanitize information as required by the references for release to respective consumers.

REFERENCES:
1. MCWP 2-1 Intelligence Operations
2. MCWP 2-3 MAGTF Intelligence Production and Analysis
3. MCWP 2-4 Marine Air-Ground Task Force Intelligence Dissemination
4. MCWP 5-1 Marine Corps Planning Process
5. SECNAVINST 5510.34A Disclosure of Classified Military Information and Controlled Unclassified Information to Foreign Governments, International Organizations, and Foreign Representatives

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2691-PLAN-2039 Determine force flow

EVALUATION CODED: NO **SUSTAINMENT INTERVAL:** 12

DESCRIPTION: The individual determines force flow requirements to ensure proper SIGINT support to satisfy mission requirements.

BILLET: Bn Ops Chief, Company OPS Chief

GRADES: MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references, given a HHQ order, T/O and T/E, access to TRANSCOM, and in a field or garrison environment.

STANDARD: To identify requirements for task organized SIGINT detachments and larger, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Review HHQ mission requirements, T/O, and T/E.

2. Determine optimal footprint to accomplish mission requirements.
3. Coordinate with transportation command to determine lift requirements and availability.
4. Revise detachment T/O and T/E if required based on TRANSCOM input.
5. Submit lift request thru G4/S4 to deploy detachment as required.

REFERENCES:
1. MCWP 2-3 MAGTF Intelligence Production and Analysis
2. MCWP 2-4 Marine Air-Ground Task Force Intelligence Dissemination

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2691-PLAN-2040 Determine standard equipment requirements

EVALUATION CODED: NO **SUSTAINMENT INTERVAL:** 12

DESCRIPTION: The individual determines SIGINT equipment requirements to satisfy mission tasks.

BILLET: Bn Ops Chief, Company Ops Chief, OCA Chief

GRADES: MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references, given a HHQ order, unit T/O and T/E, and in a field or garrison environment.

STANDARD: To identify necessary SIGINT equipment to accomplish assigned tasks, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Review HHQ mission requirements.
2. Determine SIGINT requirements.
3. Determine optimal footprint to accomplish SIGINT requirements.
4. Determine necessary equipment to accomplish SIGINT requirements and maintain optimal footprint.

REFERENCES:
1. MCWP 2-22 Signals Intelligence
2. MCDP 1-0 Marine Corps Operations
3. MCWP 2-1 Intelligence Operations

2691-PLAN-2041 Determine equipment shortfalls

EVALUATION CODED: NO **SUSTAINMENT INTERVAL:** 12

DESCRIPTION: The individual determine equipment shortfalls.

BILLET: Bn Ops Chief, Company Ops Chief

GRADES: MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references, given a unit T/E, HHQ OpOrder, and in a field or garrison environment.

STANDARD: By reviewing mission orders and unit T/E, and determine the appropriate SIGINT equipment to accomplish assigned tasks, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Review HHQ mission requirements.
2. Determine SIGINT requirements.
3. Determine optimal footprint to accomplish SIGINT requirements.
4. Determine necessary equipment to accomplish SIGINT requirements and maintain optimal footprint.
5. Identify equipment not currently on the T/E that is required to accomplish SIGINT requirements

REFERENCES:
1. MCWP 2-22 Signals Intelligence
2. MCDP 1-0 Marine Corps Operations
3. MCWP 2-1 Intelligence Operations

2691-PLAN-2042 Address equipment shortfalls

EVALUATION CODED: NO **SUSTAINMENT INTERVAL:** 3

DESCRIPTION: The individual will submits a T/E Change Request or request for external support.

BILLET: Bn Ops Chief

GRADES: MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references, given a unit T/E, HHQ OpOrder, and in a field or garrison environment.

STANDARD: By utilizing the T/E Change Request, or a request for external support in order to satisfy specific mission requirements, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Identify equipment not currently on the T/E that is required to accomplish SIGINT requirements.
2. Determine if equipment shortfall is permanent, incidental, or temporary.
3. Determine if needed equipment is in current Marine Corps inventory.
4. Utilize appropriate requests to alleviate equipment shortfalls thru S4/G4.

REFERENCES:
1. MCWP 2-22 Signals Intelligence

2. MCDP 1-0 Marine Corps Operations
3. MCWP 2-1 Intelligence Operations
4. Local SOP

2691-PLAN-2043 Identify unique equipment needs

EVALUATION CODED: NO **SUSTAINMENT INTERVAL:** 12

DESCRIPTION: The individual determines unique equipment required to accomplish assigned missions.

BILLET: Bn Ops Chief, Company Ops Chief, OCA Chief

GRADES: MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references, given an OpOrder, unit T/E, and in a field or garrison environment.

STANDARD: To accomplish assigned missions, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Review current operations plan, mission requirements, and SIGINT requirements.
2. Identify requirements that fall outside the units functional areas.
3. Identify requirements that require unique equipment to fulfill.

REFERENCES:
1. MCWP 2-22 Signals Intelligence
2. MCDP 1-0 Marine Corps Operations
3. MCWP 2-1 Intelligence Operations

2691-PLAN-2044 Ensure MOS proficiency of deploying personnel

EVALUATION CODED: NO **SUSTAINMENT INTERVAL:** 12

DESCRIPTION: The individual ensures that all deploying personnel meet proficiency requirements prior to deployment.

BILLET: Bn Ops Chief, Company Ops Chief

GRADES: MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references, given a unit T/O, and in a field or garrison environment.

STANDARD: By identifying and arranging for any required training prior to deployment, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Generate list of deploying personnel.
2. Submit list to S3T for verification of MOS proficiency testing.
3. Arrange training and testing for personnel not meeting established requirements.
4. Require Company and Battalion training schedules to reflect MOS proficiency training and testing.

REFERENCES:
1. MCO 1553.3 Unit Training Management
2. MCO P1200.16 MOS Manual
3. MCO P3500.72 Marine Corps Ground Training and Readiness Program

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2691-PLAN-2045 Coordinate with Special Security Officer

EVALUATION CODED: NO **SUSTAINMENT INTERVAL:** 12

DESCRIPTION: The individual coordinates with the SSO for special security requirements IOT accomplish assigned missions.

BILLET: Ops Chief

GRADES: MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references, given HHQ order, and in a field or garrison environment.

STANDARD: To identify and accommodate any special security requirements in support of SIGINT operations, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Identify special security requirements based on mission and SIGINT requirements and equipment security needs.
2. Report special security requirements to the unit SSO for consideration when transporting and storing equipment and conducting SIGINT operations.
3. Ensure compliance with SSO direction.

REFERENCES:
1. SECNAVINST 5510.30 DON Personnel Security Program (PSP) Regulation
2. DCID 6/9 Physical Security Standards for Sensitive Compartmented Information Facilities
3. DoDD 5105.21-M-1 Sensitive Compartmented Information (SCI) Security Manual, Administrative Security

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2691-PLAN-2046 Determine voice communication requirements

EVALUATION CODED: No **SUSTAINMENT INTERVAL:** 3

DESCRIPTION: The individual determines communications requirements in order to satisfy mission requirements.

BILLET: Bn Ops Chief, Company Ops Chief, OCA Chief

GRADES: MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references, given mission orders, T/O and T/E, a list of supported and supporting units or agencies, and in a field or garrison environment.

STANDARD: To accommodate both secure and non-secure voice communications needs in support of SIGINT operations, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Review the current operation plan, CEOI, and SIGINT reporting requirements.
2. Determine communication needs and capabilities of supported and supporting units.
3. Utilize the T/E to select the equipment suites that meet current requirements and allow for integration into supported and supporting communication structure.

REFERENCES:
1. MCWP 2-22 Signals Intelligence
2. MCDP 1-0 Marine Corps Operations
3. MCWP 2-1 Intelligence Operations

2691-PLAN-2047 Determine data network requirements

EVALUATION CODED: NO **SUSTAINMENT INTERVAL:** 3

DESCRIPTION: The individual determines data network requirements to satisfy mission requirements.

BILLET: Bn Ops Chief, Company Ops Chief, OCA Chief

GRADES: MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references, given mission orders, T/O and T/E, a list of supported and supporting units or agencies, and in a field or garrison environment.

STANDARD: To accommodate both secure and non-secure data network requirements in support of SIGINT operations, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Review the current operation plan, CEOI, and SIGINT reporting requirements.
2. Determine data networking needs and capabilities of supported and supporting units.
3. Utilize the T/E to select the equipment suites that meet current requirements and allow for integration into supported and supporting data network structure.

REFERENCES:
1. MCDP 6 Command and Control
2. MCRP 3-40.3B Radio Operators Handbook
3. MCRP 3-40.3C Antenna Handbook
4. MCWP 2-22 Signals Intelligence
5. Radio Battalion Standard Operating Procedure

2691-PLAN-2048 Conduct liaison with theater and national level SIGINT/EW agencies and units

EVALUATION CODED: NO **SUSTAINMENT INTERVAL:** 3

DESCRIPTION: The individual will coordinate and liaison with national and theater agencies, and units that conduct SIGINT/EW operations in the given theater of operations in order to gain access to the intelligence dissemination architecture. The coordination will be conducted prior to the execution phase of the MAGTF operation.

BILLET: Bn Ops Chief, OCA Chief

GRADES: MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of reference, given planning guidance or warning order from higher HQ, an area of operations, and in a field or garrison environment.

STANDARD: To coordinate and gain access to the intelligence dissemination architecture, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Identify local points of contact for National and Theater level SIGINT/EW agencies and units.
2. Request direct liaison authority from higher headquarters to conduct coordination.
3. Per the commanders direction, arrange for and accompany the commander to, liaison with local points of contact.
4. Coordinate procedures to gain access to agency intelligence dissemination

architecture.

REFERENCE:
1. Local SOP

2691-TRGT-2049 Validate potential targets derived from Signals Intelligence

EVALUATION CODED: NO **SUSTAINMENT INTERVAL:** 12

DESCRIPTION: Prior to submission for targeting, the individual must validate potential targets derived from collected and analyzed SIGINT.

BILLET: OCA Chief

GRADES: MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references, given collected and analyzed SIGINT data, and in a field or garrison environment.

STANDARD: Prior to submission into the targeting process, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Identify potential targets from SIGINT.
2. Verify target's composition via alternative intelligence source.
3. Submit to S2/G2 officer to determine targeting objectives IAW MCRP 3-16A/B.

REFERENCES:
1. MCRP 3-16A Tactics, Techniques, and Procedures for the Targeting Process
2. MCRP 3-16B The Joint Targeting Process and Procedures for Targeting Time-Critical Elements
3. JP 2-01.1 Joint Tactics, Techniques, and Procedures for Intelligence Support to Targeting
4. JP 3-60 Joint Doctrine for Targeting

2691-PLAN-2050 Convert Commander's Critical Intelligence Requirements (CCIR), Primary Intel Requirements (PIR), to SIGINT collection tasking

EVALUATION CODED: NO **SUSTAINMENT INTERVAL:** 3

DESCRIPTION: The individual will translate CCIRs and PIRs into SIGINT collection tasking.

BILLET: Collection Manager

GRADES: MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references, given a list of CCIRs and PIRs, and in a field or garrison environment.

STANDARD: To devise SIGINT collection tasking to meet requirements, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. Review CCIRs and PIRs.
2. Determine which requirements or portions of requirements can be satisfied through SIGINT.
3. Compose SIGINT tasking to fulfill SIGINT requirements.
4. Task organic and external SIGINT assets as appropriate to mission accomplishment.

REFERENCES:
1. MCWP 2-2 MAGTF Intelligence Collections
2. MCWP 2-22 Signals Intelligence
3. MCWP 2-3 MAGTF Intelligence Production and Analysis

2691-PROD-2051 Produce collection management reports

EVALUATION CODED: NO **SUSTAINMENT INTERVAL:** 6

DESCRIPTION: Individual produces collection management tasking messages and conducts RFI management.

BILLET: Collection Manager

GRADES: MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references given a list of RFIs, tasking requirements, and in a field or garrison environment.

STANDARD: To reflect required and current SIGINT tasking, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:
1. In accordance with local and unit SOPs construct RFI and tasking tracking document.
2. Maintain record of incoming and completed RFIs.
3. Maintain record of tasking from HHQ and to subordinate units.
4. Compile statistical data as required.

REFERENCES:
1. MCWP 2-2 MAGTF Intelligence Collections
2. MCWP 2-22 Signals Intelligence
3. MCWP 2-3 MAGTF Intelligence Production and Analysis
4. Local SOP

2691-SCTY-2052 Prepare an Emergency Action Plan

EVALUATION CODED: NO **SUSTAINMENT INTERVAL:** 3

DESCRIPTION: Each accredited SCIF or T-SCIF must establish an Emergency Action Plan to be approved by the G-2/S-2 or SSO as appropriate. The essential concern of this plan must be safety of personnel over all other factors.

BILLET: Bn Ops Chief, Company Ops Chief, OCA Chief

GRADES: MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references, given the proper references, a warning order to prepare to conduct SIGINT operations, the requirement to establish a SCIF or T-SCIF, and in a field or garrison environment.

STANDARD: To address items such as physical protection of personnel and classified material in the SCIF, adequacy of fire fighting and life support equipment, entrance of emergency personnel, evacuation plans for personnel, and emergency destruction and transfer of classified material and equipment in the event of disaster or disorder, within a time limit established by the commander, in accordance with the references.

PERFORMANCE STEPS:

1. Obtain from SSO the checklist derived from the references pertaining to the emergency action plan.
2. Ensure that a documented plan is prepared for each contingency.
3. Review plans with SSO to verify that they meet the requirements set forth in the references.
4. Conduct training with all personnel operating in the SCIF to ensure full understanding of duties and responsibilities.

REFERENCES:

1. SECNAVINST 5510.30 DON Personnel Security Program (PSP) Regulation
2. DoD 5200.1 DOD Information Security Program
3. DoD C-5105.21-M-1 Sensitive Compartmented Information (SCI) Security Manual, Administrative Security
4. SECNAVINST 5510.36 DON Information Security Program (ISP) Regulation
5. NAVSUP 5105.21-M-1 SCI Administrative Security Manual
6. DCID 1/14 Personnel Security Standards and Procedures Governing Eligibility for Access to Sensitive Compartmented Information
7. DCID 6/3 Protecting Sensitive Compartmented Information, (SCI) within Information Systems

SIGINT T&R MANUAL

APPENDIX A

ACRONYMS AND ABBREVIATIONS

AAW	anti air warfare
ACE	aviation combat element
ADCON	administrative control
ADP	automatic data processing
AFB	Air Force base
AFC	all-source fusion center
AI	area of interest
AIA	Air Force Intelligence Agency
AIG	addressee indicator group
AM	amplitude modulation
AMP	amplifier
AO	area of operations
AS	analysis subsystem
ATARS	advanced tactical airborne reconnaissance system
ATF	amphibious task force
ATFIC	amphibious task force intelligence center
ATO	air tasking order
AWACS	airborne warning and control system
BDA	battle damage assessment
BE	basic encyclopedia
Bn Hq	battalion headquarters
bps	bits per second
C2	command and control
C2W	command and control warfare
C4	command, control, communications, and computers
C4I	command, control, communications, computers, and intelligence
C4ISR	command, control, communications, computers, intelligence, surveillance and reconnaissance
CA	civil affairs
CATF	commander, amphibious task force
CCE	company command element
CCIR	commander's critical information requirements
CCS	COMINT collection subsystem
CDOC	cryptologic division officers course
CE	command element
CEOI	communications-electronic operating instruction
CGS	common ground station
CHATS	counterintelligence/HUMINT analysis tool set
CI	counterintelligence
CIC	combat intelligence center
CIM	communications interface module
CINC	commander in chief
CIS	communications and information systems
CJCS	Chairman of the Joint Chiefs of Staff
CJCSI	Chairman of the Joint Chiefs of Staff instruction
CJCSM	Chairman of the Joint Chiefs of Staff manual
CJTF	commander, joint task force

CLF . . . . . commander, landing force
CLT . . . . . company liaison team
CMO . . . . . collections management officer
CMS . . . . . COMSEC materials system
CNA . . . . . computer network attack
CND . . . . . computer network defense
CNE . . . . . computer network exploitation
CNO . . . . . computer network operations
CNSG . . . . . Commander, Naval Security Group
CO . . . . . commanding officer
COA . . . . . course of action
COC . . . . . current operations center
COG . . . . . centers of gravity
COMINT . . . . . communications intelligence
Comm . . . . . communications
COMMARFOR . . . . . commander, Marine Corps forces
COMMARFORLANT . . . . . Commander, Marine Corps Forces, Atlantic
COMMARFORPAC . . . . . Commander, Marine Corps Forces, Pacific
COMSEC . . . . . communications security
CONOPS . . . . . contingency operations
CONPLAN . . . . . contingency plan
CPX . . . . . command post exercise
CRITICOMM . . . . . critical communications
CS . . . . . communications subsystem
CSG . . . . . cryptologic support group
CSP . . . . . cryptologic support plan
CSS . . . . . combat service support
CSSA . . . . . cryptologic shore support activity
CSSD . . . . . combat service support detachment
CSSE . . . . . combat service support element
CTT . . . . . commander's tactical terminal
CW . . . . . continuous wave
DASC . . . . . direct air support center
DCI . . . . . Director of Central Intelligence
DCID . . . . . Director of Center Intelligence Directive
DCS . . . . . Defense Courier Service
DF . . . . . direction finding
DIA . . . . . Defense Intelligence Agency
DIAM . . . . . Defense Intelligence Agency manual
DIRNSA . . . . . Director, National Security Agency
DISA . . . . . Defense Information Systems Agency
DLI . . . . . Defense Language Institute
DMS . . . . . Defense Message System
DoD . . . . . Department of Defense
DoDD . . . . . Department of Defense directive
DoDI . . . . . Department of Defense instruction
DON . . . . . Department of the Navy
DONCAF . . . . . Department of the Navy Central Adjudication Facility
DS . . . . . direct support
DSSCS . . . . . defense special security communications system
EA . . . . . electronic attack
EA-6B . . . . . all weather electronic attack aircraft (Prowler)
ECAC . . . . . Electromagnetic Compatibility Analysis Center
ECMO . . . . . electronic countermeasures officer
ECU . . . . . environmental control unit

EEIs . . . . . Essential Elements of Information
e.g. . . . . for example
EHF . . . . . extremely high frequency
ELINT . . . . . electronic intelligence
EM . . . . . electromagnetic
EMCON . . . . . emission control
EMW . . . . . Expeditionary Maneuver Warfare
EOB . . . . . electronic order of battle
EP . . . . . electronic protection
EPL . . . . . ELINT parameters list
ERP . . . . . effective radiated power
ES . . . . . electronic warfare support
EW . . . . . electronic warfare
EWCC . . . . . electronic warfare coordination cell
EWDS . . . . . electronic warfare data base system
EWIR . . . . . electronic warfare integrated reprogramming
EWMSNSUM . . . . . EW mission summary report
EWO . . . . . electronic warfare officer
FDM . . . . . frequency division multiplexing
FIE . . . . . fly-in echelon
FIIU . . . . . force imagery interpretation unit
FISINT . . . . . foreign instrumentation signals intelligence
FM . . . . . field manual (army)
FM . . . . . frequency modulation
FMF . . . . . Fleet Marine Force
FMFM . . . . . Fleet Marine Force manual
FSCC . . . . . fire support coordination center
FSK . . . . . frequency shift key
G-1 . . . . . manpower or personnel staff officer
G-2 . . . . . intelligence staff officer
G-3 . . . . . operations staff officer
G-4 . . . . . logistics staff officer
G-6 . . . . . communications and information systems officer
GCE . . . . . ground combat element
GENSER . . . . . general service
GHz . . . . . gigahertz
GS . . . . . general support; general schedule
GSA . . . . . General Services Administration
H&S . . . . . headquarters and service
HARM . . . . . high-speed antiradiation missile
HF . . . . . high frequency
HIDRAH . . . . . handheld integrated directional receiver and homing
HMMWV . . . . . high mobility, multipurpose wheeled vehicle
HQMC . . . . . Headquarters, Marine Corps
HUMINT . . . . . human resources intelligence
I&W . . . . . indications and warning
IA . . . . . information assurance
IAA . . . . . Intelligence Analysis Application
IADS . . . . . integrated air defense system
IAS . . . . . intelligence analysis system
IAVA . . . . . Information Assurance Vulnerability Alerts
ICR . . . . . intelligence collection requirement
ICW . . . . . interrupted continuous wave
ID . . . . . identification
IDR . . . . . intelligence dissemination requirement

i.e. . . . . that is
IEWCS . . . . . intelligence and electronic warfare common sensor
IMINT . . . . . imagery intelligence
INSCOM . . . . . U.S. Army Intelligence and Security Command
INFOCON . . . . . information operations condition
INFOSEC . . . . . information security
IPB . . . . . intelligence preparation of the Battlespace
IPE . . . . . intelligence preparation of the Environment
IPR . . . . . intelligence production requirement
IR . . . . . intelligence requirement
ISR . . . . . intelligence, surveillance, and reconnaissance
ISSM . . . . . information system security manager
ISSO . . . . . information systems security officer
ITT . . . . . interrogator-translator team
IW . . . . . information warfare
IW-D . . . . . defensive information warfare
IWSC . . . . . Information Warfare Support Center
JC2WC . . . . . Joint Command and Control Warfare Center
JCEWS . . . . . joint commander's electronic warfare staff
JCMA . . . . . joint COMSEC monitoring activity
JCS . . . . . Joint Chiefs of Staff
JCSE . . . . . joint communications support element
JDISS . . . . . joint deployable intelligence support system
JFACC . . . . . joint force air component commander
JFC . . . . . joint force commander
JFLCC . . . . . joint force land component commander
JFMCC . . . . . joint force maritime component commander
JIC . . . . . joint intelligence center
JISE . . . . . joint intelligence support element
JMCIS . . . . . joint maritime command information system
JP . . . . . joint publication
JRFL . . . . . joint restricted frequency list
JSC . . . . . Joint Spectrum Center
JSIPS . . . . . Joint Service Imagery Processing System
JTC . . . . . Joint Targeting Cycle
J-TENS . . . . . Joint Tactical Exploitation of National Systems
JTF . . . . . joint task force
JTF-CNO . . . . . Joint Task Force Computer Network Operations
JWAC . . . . . joint warfare analysis center
JWICS . . . . . Joint Worldwide Intelligence Communications System
LAN . . . . . local area network
LAV . . . . . light armored vehicle
LE . . . . . law enforcement
LOB . . . . . line of bearing
LOS . . . . . line of sight
LSB . . . . . lower sideband
LTI . . . . . limited technical inspection
MAG . . . . . Marine aircraft group
MAGTF . . . . . Marine air-ground task force
MARCERT . . . . . Marine Computer Emergency Response Team
MARDIV . . . . . Marine division
MARFOR . . . . . Marine Corps forces
MARFOR-INO . . . . . Marine Forces Information Network Operations
MarSptBn . . . . . Marine support battalion
MASINT . . . . . measurement and signature intelligence

MATCD . . . . . Marine air traffic control detachment
MAW . . . . . Marine aircraft wing
Mbps . . . . . megabytes per second
MCB . . . . . Marine Corps base
MCEN . . . . . Marine Corps enterprise network
MCO . . . . . Marine Corps Order
MCPP . . . . . Marine Corps Planning Process
MCW . . . . . modulated continuous wave
MCWP . . . . . Marine Corps warfighting publication
MECDL . . . . . mission equipment control data link
MEF . . . . . Marine Expeditionary Force
MEU . . . . . Marine Expeditionary Unit
MEU(SOC) . . . . . Marine expeditionary unit (special operations capable)
MEWSS . . . . . mobile electronic warfare support system
MEWSS PIP . . . . . mobile electronic warfare support system product improvement program
MHz . . . . . megahertz
MIDB . . . . . modernized integrated data base
MISSI . . . . . multilevel information system security initiative
MITNOC . . . . . Marine Corps Information Technology and Network Operations Center
MOE . . . . . Measures of Effectiveness
MOS . . . . . military occupational specialty
MRFL . . . . . MAGTF restricted freq list
MSC . . . . . major subordinate command
MSE . . . . . major subordinate element
MSPF . . . . . maritime special purpose force
MUX . . . . . multichannel radio
NAIC . . . . . National Air Intelligence Center
NATO . . . . . North Atlantic Treaty Organization
NATOPS . . . . . Naval Air Training and Operating Procedures Standardization
NAVSUP . . . . . Navy supplement
NCA . . . . . National Command Authorities
NCIS . . . . . Naval Criminal Investigative Service
NCS . . . . . net control station
NCW . . . . . non-codeword
NDA . . . . . nondisclosure agreement
NEF . . . . . naval expeditionary force
NGO . . . . . nongovernmental organization
NID . . . . . naval intelligence data base
NIMA . . . . . National Imagery and Mapping Agency
NIPRNET . . . . . nonsecure internet protocol router network
NIST . . . . . national intelligence support team
NIWA . . . . . naval information warfare activity
NMCC . . . . . National Military Command Center
NRO . . . . . National Reconnaissance Office
NRT . . . . . near-real-time
NSA . . . . . National Security Agency
NSANET . . . . . National Security Agency Network
NSG . . . . . Naval Security Group
NSGA . . . . . Naval Security Group Activity
NSOC . . . . . National Security Operations Center
NTF . . . . . naval task force
NTTC . . . . . Naval Technological Training Center

OAS . . . . . offensive air support
OBREP . . . . . order of battle report
OCA . . . . . operations control and analysis
OCAC . . . . . operations control and analysis center
OccFld . . . . . occupational field
OLT . . . . . OCAC liaison team
ONI . . . . . Office of Naval Intelligence
OOB . . . . . order of battle
OPCON . . . . . operational control
OPERO . . . . . operation order
OPLAN . . . . . operation plan
OPNAV . . . . . Office of the Chief of Naval Operations
OPORD . . . . . operation order
OPSEC . . . . . operations security
OPT . . . . . operational planning team
OSD . . . . . Office of the Secretary of Defense
OTH . . . . . over the horizon
OWO . . . . . operations watch officer
PCM . . . . . pulse code modulation
PIP . . . . . product improvement program
PIR . . . . . priority intelligence requirement
PU . . . . . participating unit
RadBn . . . . . radio battalion
RAOC . . . . . rear area operations center
RAWS . . . . . remoteable analysis workstation
Recon . . . . . reconnaissance
RF . . . . . radio frequency
RFI . . . . . request for intelligence
ROE . . . . . rules of engagement
RREP . . . . . radio reconnaissance equipment program
RRP. . . . . radio reconnaissance platoon
RRT . . . . . radio reconnaissance team
RSOC . . . . . regional security operations center
RSR . . . . . resource status report
RU . . . . . reporting unit
S-1 . . . . . manpower or personnel staff officer
S-2 . . . . . intelligence staff officer
S-3 . . . . . operations staff officer
S-4 . . . . . logistics staff officer
S-6 . . . . . communications and information systems staff officer
SA . . . . . situational awareness
SOIs . . . . . signals of interest
SALUTE . . . . . size, activity, location, unit, time, and equipment
SARC . . . . . surveillance and reconnaissance center
SATCOM . . . . . satellite communications
SCAMP . . . . . sensor control and management platoon
SCE . . . . . service cryptologic element
SCI . . . . . sensitive compartmented information
SCIF . . . . . sensitive compartmented information facility
SCM . . . . . supervisor control module
SCR . . . . . single-channel radio
SHF . . . . . super high frequency
SI . . . . . special intelligence
SIDS . . . . . secondary imagery dissemination system
SIGINT . . . . . signals intelligence

SINCGARS . . . . . single-channel ground and airborne radio system
SIO . . . . . signals intelligence officer
SIPRNET . . . . . secret internet protocol router network
SOC . . . . . special operations capable
SOP . . . . . standing operating procedure
SOTA . . . . . SIGINT operational tasking authority
SPINTCOMM . . . . . special intelligence communications
SPMAGTF . . . . . special-purpose Marine air-ground task force
SS . . . . . SIGINT suite
SSB . . . . . single sideband
SSBI . . . . . single-scope background investigation
SSCC . . . . . special security communications center
SSCT . . . . . special security communications team
SSE . . . . . SIGINT support element
SSES . . . . . ship's signals exploitation space
SSO . . . . . special security officer
SSOC . . . . . special security operations center
SST . . . . . SIGINT support team
SSU . . . . . SIGINT support unit
STAFFEX . . . . . staff exercise
STO . . . . . special technical operations
STU III . . . . . secure telephone unit-type III
TACC . . . . . tactical air command center (USMC)
tactical air control center (USN)
TACELINT . . . . . tactical ELINT
TACINTEL . . . . . tactical intelligence
TACREP . . . . . tactical report
TACSAT . . . . . tactical satellite
TAD . . . . . temporary additional duty
TADIL . . . . . tactical digital information links
TAMPS . . . . . Tactical Aircraft Mission Planning System
TAOC . . . . . tactical air operations center
TCAC . . . . . technical control and analysis center
TCAE . . . . . technical control and analysis element
TCIM . . . . . tactical control interface module
TCO . . . . . tactical combat operations
TDDS . . . . . tactical receive equipment and related applications program data dissemination system
TDN . . . . . tactical data network
T/E . . . . . table of equipment
TEAMS . . . . . tactical EA-6B mission planning system
TECHCON . . . . . technical control
TEG . . . . . tactical exploitation group
TENCAP . . . . . tactical exploitation of national capabilities program
TEPP . . . . . TERPES ELINT preprocessor
TERPES . . . . . Tactical Electronic Reconnaissance Processing and Evaluation System
TFP . . . . . TERPES fusion processor
TIBS. . . . . tactical information broadcast system
TJS . . . . . tactical jamming system
T/O . . . . . table of organization
topo . . . . . topographic
TPCS . . . . . team portable collection system
TPFDD . . . . . time-phased force and deployment data
TPU . . . . . TERPES portable unit

TRAP . . . . . TRE and Related Applications
TRE . . . . . tactical receive equipment
TRIB . . . . . tactical remote intelligence broadcast
TRIXS . . . . . Tactical Reconnaissance Intelligence Exchange System
TRSS . . . . . tactical remote sensor system
TS II . . . . . Trojan Spirit II
TSCIF . . . . . tactical sensitive compartmented information facility
TSCM . . . . . technical surveillance countermeasures
TSR . . . . . telecommunications service request
TTP . . . . . tactics, techniques, and procedures
UAV . . . . . unmanned aerial vehicle
UHF . . . . . ultra high frequency
USB . . . . . upper sideband
USSID . . . . . United States Signals Intelligence Directive
USSS . . . . . United States SIGINT System
USSTRATCOM . . . . . US Strategic Command
VHF . . . . . very high frequency
VMAQ . . . . . Marine tactical electronic warfare squadron
VPN . . . . . voice product net
VTC . . . . . video teleconferencing
WAN . . . . . wide area network

SIGINT T&R MANUAL

APPENDIX B

TERMS AND DEFINITIONS

Terms in this glossary are subject to change as applicable orders and directives are revised. Terms established by Marine Corps orders or directives take precedence after definitions found in Joint Pub 1-02, DOD Dictionary of Military and Associated Terms.

A

After Action Review (AAR). A professional discussion of training events conducted after all training to promote learning among training participants. The formality and scope increase with the command level and size of the training evolution. For longer exercises, they should be planned for at predetermined times during an exercise. The results of the AAR shall be recorded on an after action report and forwarded to higher headquarters. The commander and higher headquarters use the results of an AAR to reallocate resources, reprioritize their training plan, and plan for future training.

All-source Intelligence. Intelligence products and/or organizations and activities that incorporate all sources of information, including, most frequently, human resources intelligence, imagery intelligence, measurement and signature intelligence, signals intelligence, and open source data, in the production of finished intelligence. (Join Pub 1-02)

Amphibious Objective Area (AOA). A geographical area, delineated in the initiating directive, for purposes of command and control (C2) within which is located the objective(s) to be secured by the amphibious task force (ATF). This area must be of sufficient size to ensure accomplishment of the ATF's mission and must provide sufficient area for conducting necessary sea, air, and land operations. (Joint Pub 1-02)

Area of Interest (AOI). That area of concern to the commander, including the area of influence, areas adjacent thereto, and extending into enemy territory to the objectives of current or planned operations. This area also includes areas occupied by enemy forces who could jeopardize the accomplishment of the mission. (Joint Pub 1-02)

Assessment. An informal judgment of the unit's proficiency and resources made by a commander or trainer to gain insight into the unit's overall condition. It serves as the basis for the midrange plan. Commanders make frequent use of these determinations during the course of the combat readiness cycle in order to adjust, prioritize or modify training events and plans.

Area of Operations (AO). An operational area defined by the joint force commander for land and naval forces. Areas of operation do not typically encompass the entire operational area of the joint force commander, but should be large enough for component commanders to accomplish their missions and protect their forces. (Joint Pub 1-02)

B

Basic Intelligence. Fundamental intelligence concerning the general situation, resources, capabilities, and vulnerabilities of foreign countries or areas which may be used as reference material in the planning of operations at any level and in evaluating subsequent information relating to the same subject. (Joint Pub 1-02)

Battle Damage Assessment (BDA). The timely and accurate estimate of damage resulting from the application of military force, either lethal or nonlethal, against a predetermined objective. Battle damage assessment can be applied to the employment of all types of weapon systems (air, ground, naval, and special forces weapon systems) throughout the range of military operations. Battle damage assessment is primarily an intelligence responsibility with required inputs and coordination from the operators. Battle damage assessment is composed of physical damage assessment, functional damage assessment, and target system assessment. (Joint Pub 1-02) In Marine Corps usage, the timely and accurate estimate of the damage resulting from the application of military force. BDA estimates physical damage to a particular target, functional damage to that target, and the capability of the entire target system to continue its operations. (MCRP 5-12C)

Battlespace. All aspects of air, surface, subsurface, land, space, and electromagnetic spectrum, which encompass the area of influence and area of interest. (MCRP 5-12C)

Battlespace Dominance. The degree of control over the dimensions of the battlespace, which enhances friendly freedom of action and denies enemy freedom of action. It permits force sustainment and application of power projection to accomplish the full range of potential operational and tactical missions. It includes all actions conducted against enemy capabilities to influence future operations. (MCRP 5-12C)

C

Centralized Control. In military operations, a mode of battlespace management in which one echelon of command exercises total authority and direction of all aspects of one or more warfighting functions. It is a method of control where detailed orders are issued and total unity of action is the overriding consideration. (MCRP 5-12C)

Chaining. A process that enables unit leaders to effectively identify subordinate collective events and individual events that support a specific collective event. For example, collective training events at the 4000-level are directly supported by collective events at the 3000-level. Utilizing the building block approach to progressive training, these collective events are further supported by individual training events at the 1000 and 2000-levels. When a higher-level event by its nature requires the completion of lower level events, they are "chained"; sustainment credit is given for all lower level events chained to a higher event.

Collection. In Marine Corps usage, the gathering of intelligence data and information to satisfy the identified requirements. (MCRP 5-12C)

Collection Management. The process of converting intelligence requirements into collection requirements, establishing priorities, tasking or coordinating with appropriate collection sources or agencies, monitoring results and retasking, as required. (Joint Pub 1-02) Its purpose is to conduct an effective effort to collect all necessary data while ensuring the efficient use of limited and valuable collection assets. (MCRP 2-1)

Collective Event. A clearly defined, discrete, and measurable activity, action, or event (i.e., task) that requires organized team or unit performance and leads to accomplishment of a mission or function. A collective task is derived from unit missions or higher-level collective tasks. Task accomplishment requires performance of procedures composed of supporting collective or individual tasks. A collective task describes the exact performance a group must perform in the field under actual operational conditions. The term "collective" does not necessarily infer that a unit accomplishes the event. A unit, such as a squad or platoon conducting an attack; may accomplish a collective event or, it may be accomplished by an individual to accomplish a unit mission, such as a battalion supply officer completing a reconciliation of the battalion's CMR. Thus, many collective events will have titles that are the same as individual events; however, the standard and condition will be different because the scope of the collective event is broader.

Collective Training Standards (CTS). Criteria that specify mission and functional area unit proficiency standards for combat, combat support, and combat service support units. They include tasks, conditions, standards, evaluator instruction, and key indicators. CTS are found within collective training events in T&R manuals.

Combat Data. Data derived from reporting by operational units. (MCRP 5-12C)

Combat Readiness Cycle. The combat readiness cycle depicts the relationships within the building block approach to training. The combat readiness cycle progresses from T&R Manual individual core skills training, to the accomplishment of collective training events, and finally, to a unit's participation in a contingency or actual combat. The combat readiness cycle demonstrates the relationship of core capabilities to unit combat readiness. Individual core skills training and the training of collective events lead to unit proficiency and the ability to accomplish the unit's stated mission.

Combat Readiness Percentage (CRP). The CRP is a quantitative numerical value used in calculating collective training readiness based on the E-Coded events that support the unit METL. CRP is a concise measure of unit training accomplishments. This numerical value is only a snapshot of training readiness at a specific time. As training is conducted, unit CRP will continuously change.

Combatant Command. A unified or specified command with a broad continuing mission under a single commander established and so designated by the President through the Secretary of Defense and with the advice and assistance of Chairman of the Joint Chiefs of Staff. Combatant command typically have geographic or functional responsibilities. (Joint Pub 1-02)

Command and Control (C2). The exercise of authority and direction by a properly designated commander over assigned and attached forces in the

accomplishment of the mission. Command and control functions are performed through an arrangement of personnel, equipment, communications, facilities, and procedures employed by a commander in planning, directing, coordinating, and controlling forces and operations in the accomplishment of the mission. (Joint Pub 1-02) The means by which a commander recognizes what needs to be done and sees to it that appropriate actions are taken. (MCRP 5-12C)

Command and Control Warfare (C2W). The integrated use of operations security, military deception, psychological operations, electronic warfare, and physical destruction, mutually supported by intelligence, to deny information to, influence, degrade, or destroy adversary command and control capabilities, while protecting friendly command and control capabilities against such actions. (Joint Pub 2-0)

Commander's Critical Information Requirements (CCIR). Information regarding the enemy and friendly activities and the environment identified by the commander as critical to maintaining situational awareness, planning future activities, and facilitating timely decision-making. Note: CCIRs are normally divided into three primary subcategories: priority intelligence requirements, friendly force information requirements, and essential elements of friendly information. (MCRP 5-12C)

Commander's Intent. A commander's clear, concise articulation of the purpose(s) behind one or more tasks assigned to a subordinate. It is one of two parts of every mission statement, which guides the exercise of initiative in the absence of instructions. (MCRP 5-12C)

Communications Intelligence (COMINT). Technical and intelligence information derived from foreign communications by other than the intended recipients. (Joint Pub 1-02)

Communications Security (COMSEC). The protection resulting from all measures designed to deny unauthorized persons information of value, which might be derived from the possession, and study of telecommunications, or to mislead unauthorized persons in their interpretation of the results of such possession and study. (Joint Pub 1-02 extract)

Component Events. Component events are the major tasks involved in accomplishing a collective event. Listing these tasks guide Marines toward the accomplishment of the event and help evaluators determine if the task has been done to standard. These events may be lower-level collective or individual events that must be accomplished.

Computer Network Attack (CNA). Operations to disrupt, deny, degrade, or destroy information resident in computers and computer networks, or the computers and networks themselves. Electronic attack (EA) can be used against a computer, but it is not computer network attack (CNA). CNA relies on the data stream to execute the attack while EA relies on the electromagnetic spectrum. An example of the two operations is the following: sending a code or instruction to a central processing unit that causes the computer to short out the power supply is CNA. Using an electromagnetic pulse device to destroy a computer's electronics and causing the same result is EA. (JP 1-02)

Computer Network Defense (CND). Defensive measures to protect and defend information, computers, and networks from disruption, denial, degradation, or destruction. (JP 1-02).

Computer Network Exploitation (CNE). Enabling operations and intelligence collection to gather data from target or adversary automated information systems or networks. (DoDI 3600.1)

Computer Network Operations (CNO). Comprised of CNA, CND, and related CNE enabling operations. (DoDI 3600.1)

Condition. The condition describes the training situation or environment under which the training event or task will take place. Expands on the information in the title by identifying when, where, and why the event or task will occur and what materials, personnel, equipment, environmental provisions, and safety constraints must be present to perform the event or task in a real-world environment. Commanders can modify the conditions of the event to best prepare their Marines to accomplish the assigned mission (e.g. in a desert environment; in a mountain environment; etc…).

Coordination. The action necessary to ensure adequately integrated relationships between separate organizations located in the same area. Coordination may include such matters as fire support, emergency defense measures, area intelligence and other situations in which coordination is considered necessary. (MCRP 5-12C)

Core Competency. Core competency is the comprehensive measure of a unit's ability to accomplish its assigned MET. It serves as the foundation of the T&R Program. Core competencies are those unit core capabilities and individual core skills that support the commander's METL and T/O mission statement. Individual competency is exhibited through demonstration of proficiency in specified core tasks and core plus tasks. Unit proficiency is measured through collective tasks.

Core Capabilities. Core capabilities are the essential functions a unit must be capable of performing during extended contingency/combat operations. Core unit capabilities are based upon mission essential tasks derived from operational plans; doctrine and established tactics; techniques and procedures.

Core Plus Capabilities. Core plus capabilities are advanced capabilities that are environment, mission, or theater specific. Core plus capabilities may entail high-risk, high-cost training for missions that are less likely to be assigned in combat.

core plus skills. Core plus skills are those advanced skills that are environment, mission, rank, or billet specific. 2000-level training is designed to make Marines proficient in core skills in a specific billet or at a specified rank at the combat ready level. 3000 - 8000-level training produces combat leaders and fully qualified section members at the combat qualified level. Marines trained at the combat qualified level are those the commanding officer feels are capable of accomplishing unit-level missions and of directing the actions of subordinates. Many core plus tasks are learned via MOJT, while others form the base for curriculum in career level MOS courses taught by the formal school.

Core Skills. Core skills are those essential basic skills that "make" a Marine and qualify that Marine for an MOS. They are the 1000-level skills introduced in entry-level training at formal schools and refined in operational units.

Critical Information. Specific facts about friendly intentions, capabilities, and activities vitally needed by adversaries for them to plan and act effectively so as to guarantee failure or unacceptable consequences for friendly mission accomplishment. (Joint Pub 1-02)

Critical Intelligence. Intelligence, which is crucial and requires the immediate attention of the commander. It is required to enable the commander to make decisions that will provide a timely and appropriate response to actions by the potential/actual enemy. It includes but is not limited to the following: a. strong indications of the imminent outbreak of hostilities of any type (warning of attack); b. aggression of any nature against a friendly country; c. indications or use of nuclear-biological-chemical weapons (target); and d. significant events within potential enemy countries that may lead to modification of nuclear strike plans. (Joint Pub 1-02)

Critical Vulnerability (CV). An aspect of a center of gravity that if exploited will do the most significant damage to an adversary's ability to resist. A vulnerability cannot be critical unless it undermines a key strength. (MCRP 5-12C)

D

Decentralized Control. In military operations, a mode of battlespace management in which a command echelon may delegate some or all authority and direction for warfighting functions to subordinates. It requires careful and clear articulation of mission, intent, and main effort to unify efforts of subordinate leaders. (MCRP 5-12C)

Defense Readiness Reporting System (DRRS). A comprehensive readiness reporting system that evaluates readiness on the basis of the actual missions and capabilities assigned to the forces. It is a capabilities-based, adaptive, near real-time reporting system for the entire Department of Defense.

Deferred Event. A T&R event that a commanding officer may postpone when in his or her judgment, a lack of logistic support, ammo, ranges, or other training assets requires a temporary exemption. CRP cannot be accrued for deferred "E-Coded" events.

Delinquent Event. An event becomes delinquent when a Marine or unit exceeds the sustainment interval for that particular event. The individual or unit must update the delinquent event by first performing all prerequisite events. When the unit commander deems that performing all prerequisite is unattainable, then the delinquent event will be re-demonstrated under the supervision of the appropriate evaluation authority.

Descriptive Intelligence. Class of intelligence, which describes existing and previously existing conditions with the intent to promote situational awareness. Descriptive intelligence has two components: *basic intelligence*, which is general background knowledge about established and relatively

constant conditions; and *current intelligence*, which is concerned with describing the existing situation. (MCRP 5-12C)

Detachment. 1. A part of a unit separated from its main organization for duty elsewhere. 2. A temporary military or naval unit formed from other units or parts of units. (Joint Pub 1-02)

Direction Finding (DF). A procedure for obtaining bearings of radio frequency emitters by using a highly directional antenna and a display unit on an intercept receive or ancillary equipment. (Joint Pub 1-02)

Dissemination. Conveyance of intelligence to users in a suitable form. (Joint Pub 1-02)

E

E-Coded event. An "E-Coded" event is a collective T&R event that is a noted indicator of capability or, a noted Collective skill that contributes to the unit's ability to perform the supported MET. As such, only "E-Coded" events are assigned a CRP value and used to calculate a unit's CRP.

Electronic Attack (EA). That division of electronic warfare involving the use of electromagnetic, directed energy, or antiradiation weapons to attack personnel, facilities, or equipment with the intent of degrading, neutralizing, or destroying enemy combat capability. (Joint Pub 1-02)

Electronic Protection (EP). That division of electronic warfare involving actions taken to protect personnel, facilities, and equipment from any effects of friendly or enemy employment of electronic warfare that degrade, neutralize, or destroy friendly combat capability. (Joint Pub 1-02)

Electronic Reconnaissance. The detection, identification, evaluation, and location of foreign electromagnetic radiations emanating from other than nuclear detonations or radioactive sources. (Joint Pub 1-02)

Electronic Warfare (EW). Any military action involving the use of electromagnetic and directed energy to control the electromagnetic spectrum or to attack the enemy. The three major subdivisions within electronic warfare are: electronic attack, electronic protection, and electronic warfare support. (a.) electronic attack. (JP 1-02)

Electronic Warfare Support (ES). That division of electronic warfare involving actions tasked by, or under direct control of, an operational commander to search for, intercept, identify, and locate sources of intentional and unintentional radiated electromagnetic energy for the purpose of immediate threat recognition. Thus, electronic warfare support provides information required for immediate decisions involving electronic warfare operations and other tactical actions such as threat avoidance, targeting, and homing. Electronic warfare support data can be used to produce signals intelligence (SIGINT), both communications intelligence (COMINT), and electronic intelligence (ELINT). (Joint Pub 1-02)

Electronic Intelligence (ELINT). Technical and geolocation intelligence derived from foreign noncommunications electromagnetic radiations emanating from other than nuclear detonations or radioactive sources. (Joint Pub 1-02)

Entry-level Training. Pipeline training that equips students for service with the Marine operating forces.

Essential Elements of Friendly Information (EEFI). Key questions likely to be asked by adversary officials and intelligence systems about specific friendly intentions, capabilities, and activities, so they can obtain answers critical to their operational effectiveness.(Joint Pub 1-02) Specific facts about friendly intentions, capabilities, and activities needed by adversaries to plan and execute effective operations against our forces. (MCRP 5-12C)

Estimative Intelligence. Class of intelligence which attempts to anticipate future possibilities and probabilities based on an analysis of descriptive intelligence in the context of planned friendly and assessed enemy operations. (MCRP 5-12C)

Evaluation. Evaluation is a continuous process that occurs at all echelons, during every phase of training and can be both formal and informal. Evaluations ensure that Marines and units are capable of conducting their combat mission. Evaluation results are used to reallocate resources, reprioritize the training plan, and plan for future training.

Event (training). An event is a significant training occurrence that is identified, expanded and used as a building block and potential milestone for a unit's training. An event may include formal evaluations. An event within the T&R Program can be an individual training evolution, a collective training evolution or both. Through T&R events, the unit commander ensures that individual Marines and the unit progress from a combat capable status to a Fully Combat Qualified (FCQ) status.

Event Component. The major procedures (i.e., actions) that must occur to perform a collective event to standard.

Exercise Commander (EC). The Commanding General, Marine Expeditionary Force or his appointee will fill this role, unless authority is delegated to the respective commander of the Division, Wing, or MLG. Responsibilities and functions of the EC include: (1) designate unit(s) to be evaluated, (2) may designate an exercise director, (3) prescribe exercise objectives and T&R events to be evaluated, (4) coordinate with commands or agencies external to the Marine Corps and adjacent Marine Corps commands, when required.

Exercise Director (ED). Designated by the EC to prepare, conduct, and report all evaluation results. Responsibilities and functions of the ED include: (1) Publish a letter of instruction (LOI) that: delineates the T&R events to be evaluated, establishes timeframe of the exercise, lists responsibilities of various elements participating in the exercise, establishes safety requirements/guidelines, and lists coordinating instructions. (2) Designate the TEC and TECG to operate as the central control agency for the exercise. (3) Assign evaluators, to include the senior evaluator, and ensure that those evaluators are properly trained. (4) Develop the general exercise scenario taking into account any objectives/events prescribed by the EC. (5) Arrange for all resources to include: training areas, airspace, aggressor forces, and other required support.

F

Friendly Force Information Requirements (FFIR). Information the commander needs about friendly forces in order to develop plans and make effective decisions. Depending upon the circumstances, information on unit location, composition readiness, personnel status, and logistics status could become a friendly force information requirement. (MCRP 5-12C)

Fusion. In intelligence usage, the process of examining all sources of intelligence and information to derive a complete assessment of activity. (Joint Pub 1-02)

G

Global Sourcing. A process of force provision or augmentation whereby resources may be drawn from any location/command worldwide. (MCRP 5-12C)

I

Indications and Warning (I&W). Those intelligence activities intended to detect and report time-sensitive intelligence information on foreign developments that could involve a threat to the United States or allied military, political, or economic interests or to US citizens abroad. It includes forewarning of enemy actions or intentions; the imminence of hostilities; insurgency; nuclear/non-nuclear attack on the United States, its overseas forces, or allied nations; hostile reactions to United States reconnaissance activities; terrorists' attacks; and other similar events. (Joint Pub 2-01)

Individual Readiness. The individual training readiness of each Marine is measured by the number of individual events required and completed for the rank or billet currently held.

Individual Training. Training that applies to individual Marines. Examples include rifle qualifications and HMMWV driver licensing.

Individual Training Standards (ITS). Specifies training tasks and standards for each MOS or specialty within the Marine Corps. In most cases, once an MOS or community develops a T&R, the ITS order will be cancelled. However, most communities will probably fold a large portion of their ITS into their new T&R manual.

Information Assurance (IA). Information operations that protect and defend information and information systems by ensuring their availability, integrity, authentication, confidentiality, and nonrepudiation. This includes providing for restoration of information systems by incorporating protection, detection, and reaction capabilities. (JP 1-02)

Intelligence. The product resulting from the collection, processing, integration, analysis, evaluation, and interpretation of evaluated information concerning foreign countries or areas. Information and knowledge about an adversary obtained through observation, investigation, analysis, or understanding. (Joint Pub 1-02) Also in Marine Corps usage, intelligence is knowledge about the enemy or the surrounding environment needed to support decision-making. This knowledge is the result of the collection, processing,

exploitation, evaluation, integration, analysis, and interpretation of available information about the battlespace and threat. (MCRP 5-12C)

Intelligence Cycle. The process by which information is converted into intelligence and made available to users. (Joint Pub 2-01)

Intelligence Data. Data derived from assets primarily dedicated to intelligence collection such as imagery systems, electronic intercept equipment, human intelligence sources, etc…. (MCRP 5-12C)

Intelligence Discipline. A well-defined area of intelligence collection, processing, exploitation and reporting using a specific category of technical or human resources. There are five major disciplines: human intelligence, imagery, intelligence, measurement and signature intelligence, signals intelligence (communications intelligence, electronic intelligence, and foreign instrumentation signals intelligence), and open source intelligence. (Joint Pub 1-02)

Intelligence Operations. The variety of intelligence tasks that are carried out by various intelligence organizations and activities. (Joint Pub 1-02 extract)

Intelligence Preparation of the Battlespace (IPB). An analytical methodology employed to reduce uncertainties concerning the enemy, environment, and terrain for all types of operations. Intelligence preparation of the battlespace builds an extensive database for each potential area in which a unit may be required to operate. The database is then analyzed in detail to determine the impact of the enemy, environment, and terrain on operation and presents it in graphic form. Intelligence preparation of the battlespace is a continuing process. (Joint Pub 1-02) In Marine Corps usage, the systematic, continuous process of analyzing the threat and environment in a specific geographic area. (MCRP 5-12C)

Intelligence Requirement (IR). 1. Any subject, general or specific, upon which there is a need for the collection of information or the production of intelligence. (Joint Pub 1-02) 2. In Marine Corps usage, questions about the enemy and the environment, the answers to which a commander requires to make sound decisions. (MCRP 5-12C)

J

Joint Deployable Intelligence Support System (JDISS). A transportable workstation and communications suite that electronically extends a joint intelligence center to a joint task force or other tactical user. (Joint Pub 1-02)

Joint Force. A general term applied to a force composed of significant elements, assigned or attached, of two or more Military Departments, operating under a single joint force commander. (Joint Pub 1-02)

Joint Intelligence Center (JIC). The intelligence center of the joint force headquarters. The joint intelligence center is responsible for providing and producing the intelligence required to support the joint force commander and staff, components, task forces and elements, and the national intelligence community. (Joint Pub 1-02)

Joint Worldwide Intelligence Communications System (JWICS). The sensitive compartmented information portion of the Defense Information System Network. It incorporates advanced networking technologies that permit point-to-point or multipoint information exchange involving voice, text, graphics, data, and video teleconferencing. (Joint Pub 1-02)

M

Main Effort. The designated subordinate unit whose mission at a given point in time is MOS critical to overall mission success. It is usually weighted with the preponderance of combat power and is directed against a center of gravity through a critical vulnerability. (MCRP 5-12C)

Maneuver Warfare. A warfighting philosophy that seeks to shatter the enemy's cohesion through a variety of rapid, focused, and unexpected actions which create a turbulent and rapidly deteriorating situation with which the enemy cannot cope. (MCRP 5-12C)

Marine Corps Combat Readiness and Evaluation System (MCCRES). An evaluation system designed to provide commanders with a comprehensive set of mission performance standards from which training programs can be developed; and through which the efficiency and effectiveness of training can be evaluated. The Ground T&R Program will eventually replace MCCRES.

Marine Corps Ground Training and Readiness (T&R) Program. The T&R Program is the Marine Corps' primary tool for planning and conducting training, for planning and conducting training evaluation, and for assessing training readiness. The program will provide the commander with standardized programs of instruction for units within the ground combat, combat support, and combat service support communities. It consolidates the ITS, CTS, METL and other individual and unit training management tools. T&R is a program of standards that systematizes commonly accepted skills, is open to innovative change, and above all, tailors the training effort to the unit's mission. Further, T&R serves as a training guide and provides commanders an immediate assessment of unit combat readiness by assigning a CRP to key training events. In short, the T&R Program is a building block approach to training that maximizes flexibility and produces the best-trained Marines possible.

Marine Corps Planning Process (MCPP). A six-step methodology which helps organize the though processes of the commander and staff throughout the planning and execution of military operations. It focuses on the threat and is based on the Marine Corps philosophy of maneuver warfare. It capitalizes on the principle of unity of command and supports the establishment and maintenance op tempo. The six steps consist of mission analysis, course of action development, course of action analysis, comparison/decision, orders development, and transition. Note: Tenets of the MCPP include top down planning, single battle concept, and integrated planning. (MCRP 5-12C)

Mission Essential Task(s) MET(s). A MET is a collective task in which an organization must be proficient in order to accomplish an appropriate portion of its wartime mission(s). MET listings are the foundation for the T&R manual; all events in the T&R manual support a MET.

Mission Essential Task List (METL). Descriptive training document that provides units a clear, war fighting focused description of collective

actions necessary to achieve wartime mission proficiency. The service-level METL, that which is used as the foundation of the T&R manual, is developed using Marine Corps doctrine, Operational Plans, T/Os, UJTL, UNTL, and MCTL. For community based T&R manuals, an occupational field METL is developed to focus the community's collective training standards. Commanders develop their unit METL from the service-level METL, operational plans, contingency plans, and SOPs.

Mission Performance Standards (MPS). Criteria that specify mission and functional area unit proficiency standards for combat, combat support and combat service support units. They include tasks, conditions, standards, evaluator instruction, and key indicators. MPS are contained within the MCCRES volumes. The MCCRES volumes are being replaced by T&R manuals. Collective Events will replace MPS.

N

Named Area of Interest (NAI). A point or area along a particular avenue of approach through which enemy activity is expected to occur. Activity or lack of activity within a named area of interest will help to confirm or deny a particular enemy course of action. (MCRP 5-12C)

National Intelligence Support Team (NIST). A nationally sourced team composed of intelligence and communications experts from either Defense Intelligence Agency, Central Intelligence Agency, National Security Agency, or any combination of these agencies. (Joint Pub 2-01)

O

Operational Architecture (OA). A description (often graphical) of the operational elements, assigned tasks, and information flows required to support the warfighter. It defines the type of information, the frequency of exchange, and what tasks are supported by these information exchanges. (MCRP 5-12C)

Operational Control (OPCON). Transferable command authority that may be exercised by commanders at any echelon at or below the level of combatant command. Operational control is inherent in combatant command (command authority). Operational control may be delegated and is the authority to perform those functions of command over subordinate forces involving organizing and employing commands and forces, assigning tasks, designating objectives, and giving authoritative direction necessary to accomplish the mission. Operational control includes authoritative direction over all aspects of military operations and joint training necessary to accomplish mission assigned to the command. Operational control should be exercised through the commanders or subordinate organizations. Normally this authority is exercised through subordinate joint force commanders and Service and/or functional component commanders. Operational control normally provides full authority to organize commands and forces and to employ those forces as the commander in operational control considers necessary to accomplish assigned missions. Operational control does not, in and of itself, include authoritative direction for logistics or matters of administration, discipline, internal organization, or unit training. (Joint Pub 1-02)

Operational Readiness (OR). (DoD or NATO) OR is the capability of a unit/formation, ship, weapon system, or equipment to perform the missions or functions for which it is organized or designed. May be used in a general sense or to express a level or degree of readiness.

Operations Control and Analysis Center (OCAC). Main node for the command and control of radio battalion signals intelligence operations and the overall coordination of MAGTF signals intelligence operations. Processes, analyzes, produces, and disseminates signals intelligence-derived information and directs the ground-based electronic warfare activities of the radio battalion. (MCRP 5-12C)

Operations Security (OPSEC). A process of identifying critical information and subsequently analyzing friendly actions attendant to military operations and other activities to: a. identify those actions that can be observed by adversary intelligence systems; b. determine indicators that hostile intelligence systems might obtain that could be interpreted or pieced together to derive critical information in time to be useful to adversaries; and c. select and execute measures that eliminate or reduce to an acceptable level the vulnerabilities of friendly actions to adversary exploitation. (JP 1-02)

Order of Battle (OOB). The identification, strength, command structure, and disposition of the personnel, units, and equipment of any military force. (Joint Pub 1-02)

P

Performance Step. Performance steps are included in the components of an individual T&R event. They are the major procedures (i.e., actions) a Marine unit must accomplish to perform an individual event to standard. They describe the procedure the task performer must take to perform the task under operational conditions and provide sufficient information for a task performer to perform the procedure (may necessitate identification of supporting steps, procedures, or actions in outline form). Performance steps follow a logical progression and should be followed sequentially, unless otherwise stated. Normally, performance steps are listed only for 1000-level individual events (those that are taught in the entry-level MOS school). Listing performance steps is optional if the steps are already specified in a published reference.

Physical Security. (DoD, NATO) That part of security concerned with physical measures designed to safeguard personnel; to prevent unauthorized access to equipment, installations, material, and documents; and to safeguard them against espionage, sabotage, damage, and theft. (JP 1-02)

Prerequisite Event. Prerequisites are the academic training and/or T&R events that must be completed prior to attempting the event.

Priority Intelligence Requirements (PIR). 1. Those intelligence requirements for which a commander has an anticipated and stated priority in his task of planning and decision-making. (Joint Pub 1-02) 2. In Marine Corps usage, an intelligence requirement associated with a decision that will critically affect the overall success of the command's mission. (MCRP 5-12C)

Production Management. Encompasses determining the scope, content, and format of each intelligence product, developing a plan and schedule for the development of each product, assigning priorities among the various production requirements, allocating processing, exploitation, and production resources, and integrating production efforts with intelligence collection and dissemination. (MCRP 5-12C)

R

Readiness. (DoD) Readiness is the ability of U.S. military forces to fight and meet the demands of the national military strategy. Readiness is the synthesis of two distinct but interrelated levels: (a) Unit readiness--The ability to provide capabilities required by combatant commanders to execute assigned missions. This is derived from the ability of each unit to deliver the outputs for which it was designed. (b) Joint readiness--The combatant commander's ability to integrate and synchronize ready combat and support forces to execute assigned missions.

Reach Back. The ability to exploit resources, capabilities, expertise, etc…, not physically located in the theater or a joint operations area, when established. (MCRP 5-12C)

S

Section Skill Tasks. Section skills are those competencies directly related to unit functioning. They are group rather than individual in nature, and require participation by a section (S-1, S-2, S-3, etc…).

Sensitive Compartmented Information (SCI). All information and materials bearing special community controls indicating restricted handling within present and future community intelligence collection programs and their end products for which community systems of compartmentation have been or will be formally established. (These controls are over and above the provisions of DOD 52001R, Information Security Program Regulation.) (Joint Pub 1-02)

Sensitive Compartmented Information Facility (SCIF). An accredited area, room, group of rooms, or installation where sensitive compartmented information may be stored, used, discussed, and/or electronically processed. SCIF procedural and physical measures prevent the free access of persons unless they have been formally indoctrinated for the particular SCI authorized for use or storage within the SCIF. See also **Sensitive Compartmented Information**. (Joint Pub 1-02)

Sensor Data. Data derived from sensors whose primary mission is surveillance or target acquisition, such as air surveillance radars, counter-battery radars, and remote ground sensors. (MCRP 5-12C)

Service Component Command. A command consisting of the Service component commander and all those service forces such as individuals units, detachments, organizations, and installations under the command, including the support forces that have been assigned to a combatant command, or further assigned to a subordinate unified command or joint task force. (Joint Pub 1-02)

Signals Intelligence (SIGINT). A category of intelligence comprising either individually or in combination all communications intelligence, electronic intelligence, and foreign instrumentation signals intelligence, however transmitted. (Joint Pub 1-02)

Simulation Training. Simulators provide the additional capability to develop and hone core and core plus skills. Accordingly, the development of simulator training events for appropriate T&R syllabi can help maintain valuable combat resources while reducing training time and cost. Therefore, in cases where simulator fidelity and capabilities are such that simulator training closely matches that of actual training events, T&R Manual developers may include the option of using simulators to accomplish the training. CRP credit will be earned for E-Coded simulator events based on assessment of relative training event performance.

SIGINT Operational Tasking Authority (SOTA). A military commander's authority, delegated by DIRNSA/CHCSS, to operationally direct and levy SIGINT requirements on designated SIGINT resources. This includes authority to deploy and redeploy all or part of the SIGINT resources for which SOTA has been delegated. (USSID 1, SIGINT Operating Policy)

Situational Awareness. Knowledge and understanding of the current situation which promotes timely, relevant and accurate assessment of friendly, enemy, and other operations within the battlespace in order to facilitate decision-making. An informational perspective and skill that foster an ability to determine quickly the context and relevance of events that are unfolding. (MCRP 5-12C)

Split Base. Two or more portions of the same force conducting or supporting operations from separate physical locations. (MCRP 5-12C)

Standard. A standard is a statement that establishes criteria for how well a task or learning objective must be performed. The standard specifies how well, completely, or accurately a process must be performed or product produced. For higher-level collective events, it describes why the event is being done and the desired end-state of the event. Standards become more specific for lower-level events and outline the accuracy, time limits, sequencing, quality, product, process, restrictions, etc., that indicate the minimum acceptable level of performance required of the event. At a minimum, both collective and individual training standards consist of a task, the condition under which the task is to be performed, and the evaluation criteria that will be used to verify that the task has been performed to a satisfactory level.

Sustainment Training. Periodic retraining or demonstration of an event required maintaining the minimum acceptable level of proficiency or capability required to accomplish a training objective. Sustainment training goes beyond the entry-level and is designed to maintain or further develop proficiency in a given set of skills.

Surveillance and Reconnaissance Center (SARC). Primary element responsible for the supervision of MAGTF intelligence collection operations. Directs, coordinates, and monitors intelligence collection operations conducted by organic, attached, and direct support collection assets. (MCRP 5-12C)

Sustained Operations Ashore (SOA). The employment of Marine Corps forces on land for an extended duration. It can occur with or without sustainment from the sea. (MCRP 5-12C)

Systems Architecture (SA). Defines the physical connection, location, and identification of key nodes, circuits, networks, warfighting platforms, etc… and specific system and component performance parameters. The systems architecture is constructed to satisfy operational architecture requirements per standards defined in the technical architecture. The systems architecture shows how multiple systems within a subject area link and interoperate and may describe the internal construction or operations of particular systems within the architecture. (MCRP 5-12C)

Systems Approach to Training (SAT). An orderly process for analyzing, designing, developing, implementing, and evaluating a unit's training program to ensure the unit, and the Marines of that unit acquire the knowledge and skills essential for the successful conduct of the unit's wartime missions.

T

Tactical Intelligence. Intelligence that is required for planning and conducting tactical operations.(Joint Pub 1-02) In Marine Corps usage, tactical intelligence is concerned primarily with the location, capabilities, and possible intentions of enemy units on the battlefield and with the tactical aspects of terrain and weather within the battlespace. (MCRP 5-12C)

Tactical Exercise Control Group (TECG). A TECG is formed to provide subject matter experts in the functional areas being evaluated. The benefit of establishing a permanent TECG is to have resident, dedicated evaluation authority experience, and knowledgeable in evaluation technique. The responsibilities and functions of the TECG include: (1) developing a detailed exercise scenario to include the objectives and events prescribed by the EC/ED in the exercise LOI; (2) conducting detailed evaluator training prior to the exercise; (3) coordinating and controlling role players and aggressors; (4) compiling the evaluation data submitted by the evaluators and submitting required results to the ED; (5) preparing and conducting a detailed exercise debrief for the evaluated unit(s).

Technical Architecture (TA). The technical architecture identifies the services, interfaces, standards, and their relationships. It provides the technical guidelines for implementation of systems upon which engineering specifications are based, common building blocks are built, and product line are developed. (MCRP 5-12C)

Technical Control. The performance of specialized or professional service, or the exercise of professional guidance or direction through the establishment of policies and procedures.

Technical Exercise Controller (TEC). The TEC is appointed by the ED, and usually comes from his staff or a subordinate command. The TEC is the senior evaluator within the TECG and should be of equal or higher grade than the commander(s) of the unit(s) being evaluated. The TEC is responsible for ensuring that the evaluation is conducted following the instructions contained in this directive and MCO 1553.3A. Specific T&R Manuals are used as the source for evaluation criteria.

Tempo. The relative speed and rhythm of military operations over time. (MCRP 5-12C)

Training Task. This describes a direct training activity that pertains to an individual Marine. A task is composed of 3 major components: a description of what is to be done, a condition, and a standard.

Training Plan. Training document that outlines the general plan for the conduct of individual and collective training in an organization for specified periods of time.

U

Unit CRP. Unit CRP is a percentage of the E-Coded collective events that support the unit METL accomplished by the unit. Unit CRP is the average of all MET CRP.

Unit Evaluation. All units in the Marine Corps must be evaluated, either formally or informally, to ensure they are capable of conducting their combat mission. Informal evaluations should take place during all training events. The timing of formal evaluations is critical and should, when appropriate, be directly related to the units' operational deployment cycle. Formal evaluations should take place after the unit has been staffed with the majority of its personnel, has had sufficient time to train to individual and collective standards, and early enough in the training cycle so there is sufficient time to correctly identified weaknesses prior to deployment. All combat units, and units task organized for combat require formal evaluations prior to operational deployments.

Unit Training Management (UTM). Unit training management is the use of the SAT and Marine Corps training principles in a manner that maximizes training results and focuses the training priorities of the unit on its wartime mission. UTM governs the major peacetime training activity of the Marine Corps and applies to all echelons of the Total Force.

W

Waived Event. An event that is waived by a commanding officer when in his or her judgment, previous experience or related performance satisfies the requirement of a particular event.

Warfighting Functions (WF). The six mutually supporting military activities integrated in the conduct of all military operations are:
1. command and control – The means by which a commander recognizes what needs to be done and sees to it that appropriate actions are taken.
2. maneuver – The movement of forces for the purpose of gaining an advantage over the enemy.
3. fires – Those means used to delay, disrupt, degrade, or destroy enemy capabilities, forces, or facilities as well as affect the enemy's will to fight.
4. intelligence – Knowledge about the enemy or the surrounding environment needed to support decision-making.
5. logistics – All activities required to move and sustain military forces.

6. force protection – Actions or efforts used to safeguard own centers of gravity while protecting, concealing, reducing, or eliminating friendly critical vulnerabilities. (MCRP 5-12C)